

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\
 Data File : BG038826.D
 Acq On : 26 Dec 2018 12:21
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 26 14:30:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20880	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	97205	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	72344	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	179852	20.00	ng	0.00
76) Chrysene-d12	21.73	240	180551	20.00	ng	0.00
87) Perylene-d12	25.02	264	198264	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	90373	76.77	ng	0.00
7) Phenol-d6	7.21	99	135042	83.56	ng	0.00
23) Nitrobenzene-d5	9.23	82	141834	74.54	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	89101	89.37	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	407738	77.32	ng	0.00
79) Terphenyl-d14	20.04	244	654907	78.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	17602	32.126	ng	94
3) Pyridine	3.90	79	51125	33.891	ng	99
4) n-Nitrosodimethylamine	3.82	42	25396	34.359	ng	# 91
6) Aniline	7.38	93	84177	40.802	ng	98
8) 2-Chlorophenol	7.62	128	57018	41.853	ng	96
9) Benzaldehyde	7.20	77	38222	36.458	ng	95
10) Phenol	7.24	94	70361	40.980	ng	94
11) bis(2-Chloroethyl)ether	7.48	93	53441	39.094	ng	93
12) 1,3-Dichlorobenzene	7.94	146	63242	39.262	ng	98
13) 1,4-Dichlorobenzene	8.09	146	64553	39.130	ng	98
14) 1,2-Dichlorobenzene	8.41	146	63375	40.749	ng	97
15) Benzyl Alcohol	8.30	79	55808	44.242	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	111031	35.458	ng	97
17) 2-Methylphenol	8.49	107	50462	43.867	ng	98
18) Hexachloroethane	9.13	117	22385	37.133	ng	87
19) n-Nitroso-di-n-propylamine	8.86	70	49908	43.969	ng	97
20) 3+4-Methylphenols	8.83	107	72689	45.755	ng	99
22) Acetophenone	8.89	105	96803	39.870	ng	# 95
24) Nitrobenzene	9.27	77	70929	36.849	ng	98
25) Isophorone	9.79	82	126634	37.042	ng	97
26) 2-Nitrophenol	9.99	139	39727	40.325	ng	93
27) 2,4-Dimethylphenol	10.03	122	56659	40.129	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	75142	38.949	ng	97
29) 2,4-Dichlorophenol	10.52	162	69357	44.155	ng	94
30) 1,2,4-Trichlorobenzene	10.73	180	75771	39.936	ng	98
31) Naphthalene	10.93	128	188822	39.425	ng	99
32) Benzoic acid	10.19	122	33690	39.775	ng	94
33) 4-Chloroaniline	11.04	127	89916	43.243	ng	97
34) Hexachlorobutadiene	11.18	225	51396	40.034	ng	93
35) Caprolactam	11.83	113	27349	42.073	ng	# 87
36) 4-Chloro-3-methylphenol	12.15	107	74993	41.838	ng	93
37) 2-Methylnaphthalene	12.52	142	144493	42.289	ng	97
38) 1-Methylnaphthalene	12.75	142	140832	42.476	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	105582	39.044	ng	98

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	50542	34.020	ng	94
43) 2,4,6-Trichlorophenol	13.13	196	68749	41.348	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	72094	40.952	ng	98
46) 1,1'-Biphenyl	13.53	154	232309	38.305	ng	98
47) 2-Chloronaphthalene	13.58	162	178969	38.203	ng	97
48) 2-Nitroaniline	13.79	65	55113	36.934	ng	94
49) Acenaphthylene	14.42	152	273441	39.044	ng	100
50) Dimethylphthalate	14.15	163	237142	40.140	ng	98
51) 2,6-Dinitrotoluene	14.27	165	52757	39.406	ng	93
52) Acenaphthene	14.76	154	163221	38.975	ng	99
53) 3-Nitroaniline	14.62	138	54658	40.049	ng	95
54) 2,4-Dinitrophenol	14.82	184	33769	44.827	ng	96
55) Dibenzofuran	15.09	168	286502	39.911	ng	97
56) 4-Nitrophenol	14.92	139	38848	37.522	ng	98
57) 2,4-Dinitrotoluene	15.06	165	75217	39.889	ng	93
58) Fluorene	15.74	166	215450	40.510	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	64513	40.732	ng	98
60) Diethylphthalate	15.50	149	249810	38.518	ng	97
61) 4-Chlorophenyl-phenylether	15.73	204	135581	40.858	ng	97
62) 4-Nitroaniline	15.78	138	58822	41.865	ng	95
63) Azobenzene	16.02	77	198888	36.709	ng	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	53365	41.595	ng	84
66) n-Nitrosodiphenylamine	15.95	169	214466	40.584	ng	93
67) 4-Bromophenyl-phenylether	16.63	248	89768	40.868	ng	96
68) Hexachlorobenzene	16.74	284	95760	42.057	ng	96
69) Atrazine	16.89	200	77178	39.354	ng	94
70) Pentachlorophenol	17.09	266	55460	41.180	ng	95
71) Phenanthrene	17.48	178	372280	39.916	ng	100
72) Anthracene	17.58	178	368585	40.032	ng	99
73) Carbazole	17.85	167	363135	39.880	ng	99
74) Di-n-butylphthalate	18.38	149	394996	37.804	ng	99
75) Fluoranthene	19.49	202	450434	39.034	ng	97
77) Benzidine	19.67	184	194497	36.425	ng	99
78) Pyrene	19.86	202	452846	37.966	ng	99
80) Butylbenzylphthalate	20.72	149	174682	37.485	ng	96
81) Benzo(a)anthracene	21.70	228	435191	39.556	ng	100
82) 3,3'-Dichlorobenzidine	21.62	252	177046	40.575	ng	100
83) Chrysene	21.77	228	411413	38.824	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	242879	36.749	ng	99
85) Di-n-octyl phthalate	22.79	149	411790	37.203	ng	97
86) Indeno(1,2,3-cd)pyrene	28.81	276	496567	39.858	ng	# 78
88) Benzo(b)fluoranthene	23.96	252	437078	40.152	ng	99
89) Benzo(k)fluoranthene	24.03	252	423159	39.038	ng	97
90) Benzo(a)pyrene	24.87	252	416751	39.684	ng	98
91) Dibenzo(a,h)anthracene	28.86	278	417356	39.914	ng	99
92) Benzo(g,h,i)perylene	29.99	276	408886	39.680	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

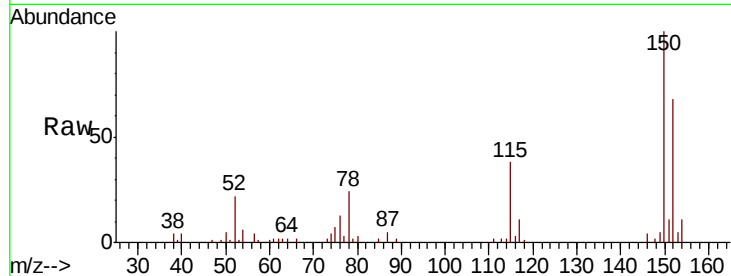


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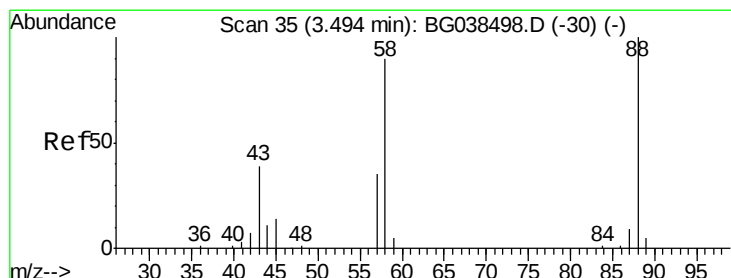
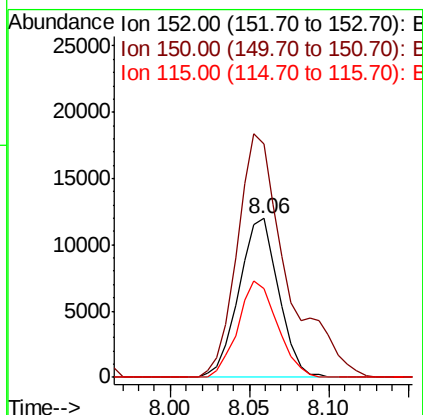
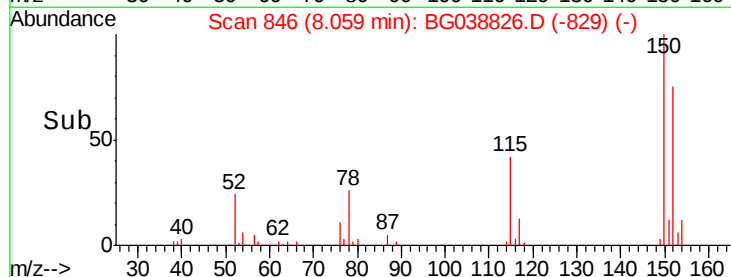
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 20880
Ion Ratio Lower Upper
152 100
150 147.2 119.5 179.3
115 55.8 49.6 74.4



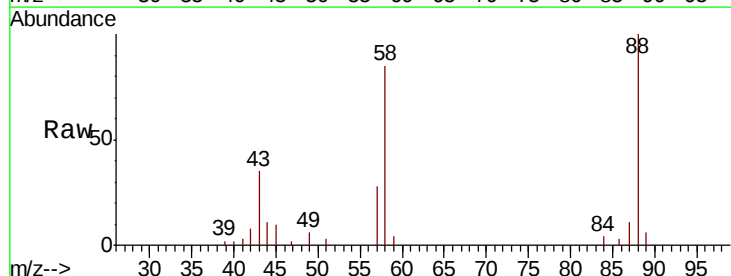
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



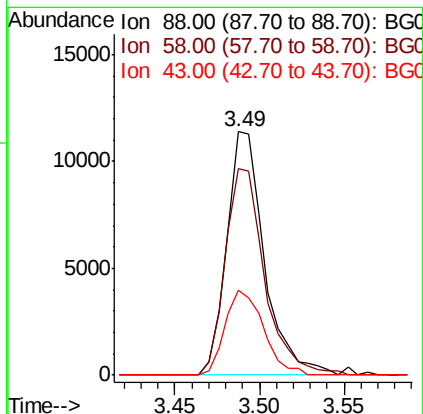
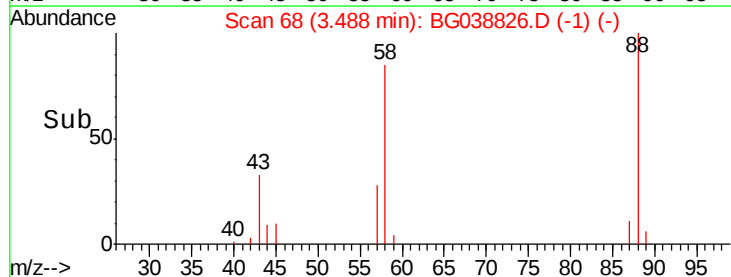
#2

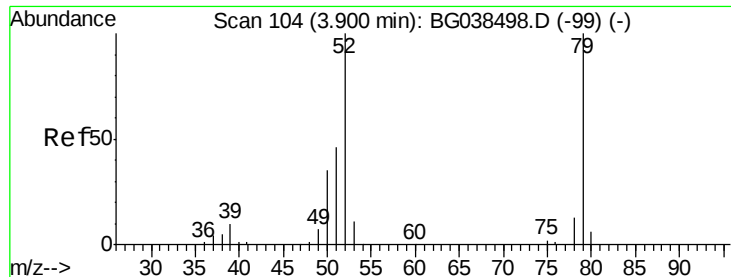
1,4-Dioxane
Concen: 32.126 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion: 88 Resp: 17602
Ion Ratio Lower Upper
88 100
58 88.8 75.7 113.5
43 35.8 31.6 47.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.891 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

Instrument :

BNA_E

ClientSampleId :

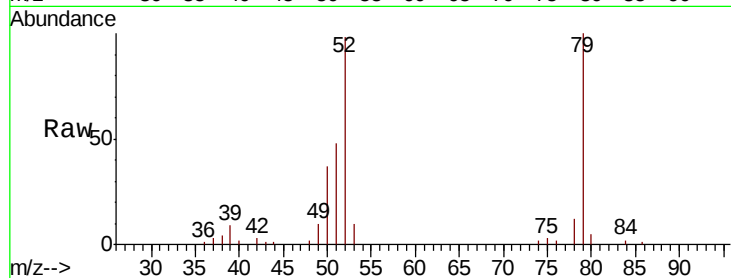
Tot Ion: 79 Resp: 51125

Ion Ratio Lower Upper

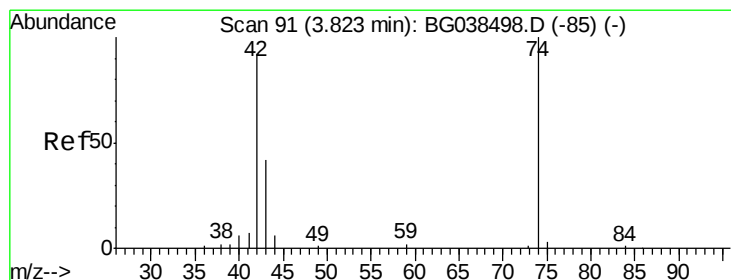
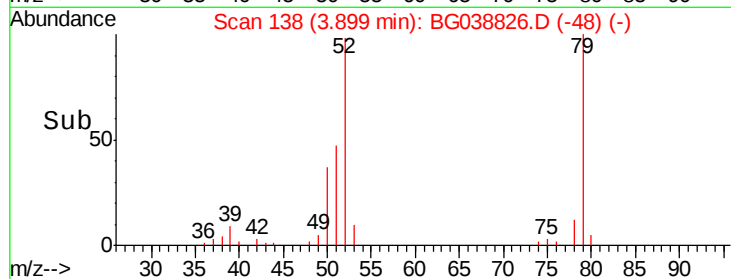
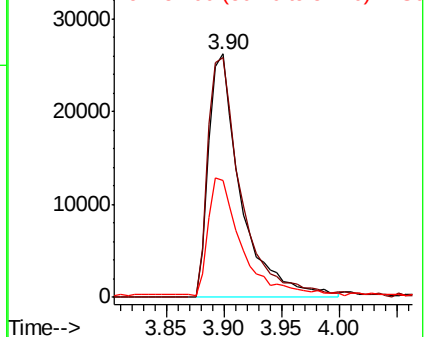
79 100

52 98.4 80.2 120.2

51 48.0 38.0 57.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.359 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

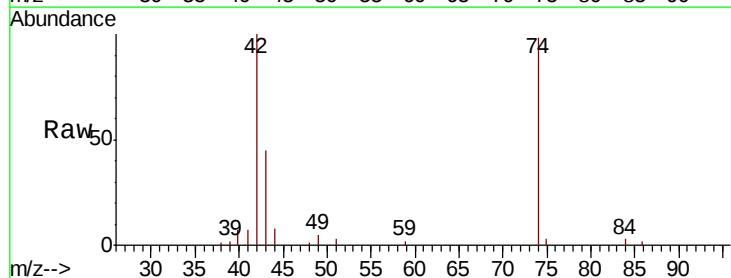
Tgt Ion: 42 Resp: 25396

Ion Ratio Lower Upper

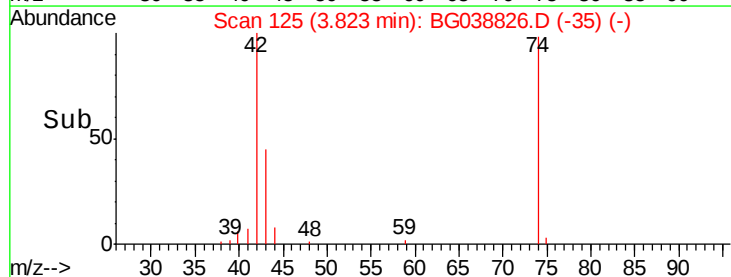
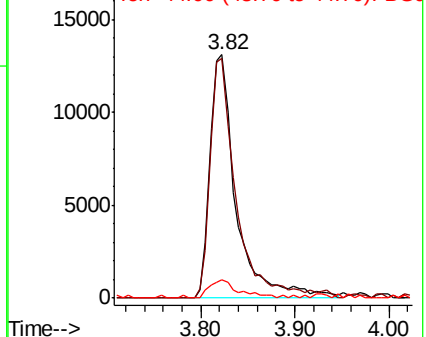
42 100

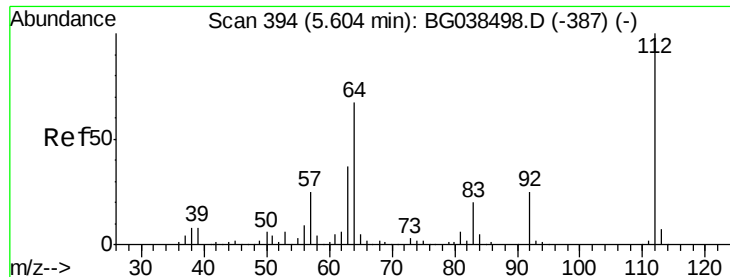
74 98.3 86.7 130.1

44 7.8 7.8 11.8#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 76.767 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

Instrument :

BNA_E

ClientSampled :

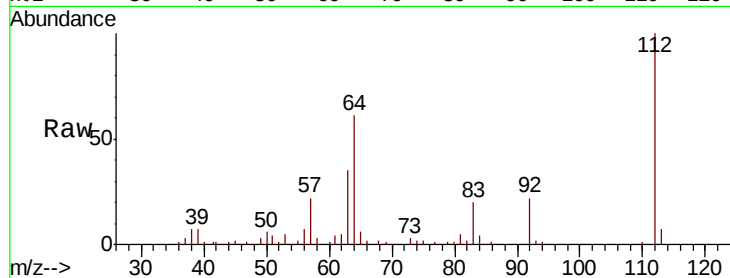
Tot Ion: 112 Resp: 90373

Ion Ratio Lower Upper

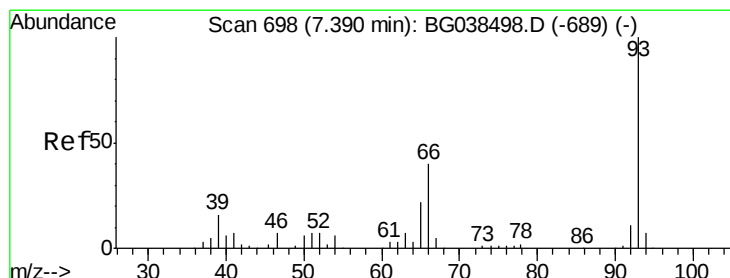
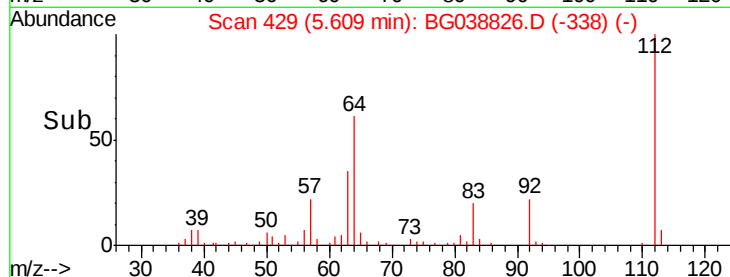
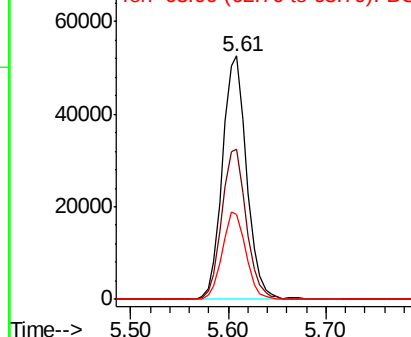
112 100

64 61.5 53.4 80.2

63 35.0 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.802 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

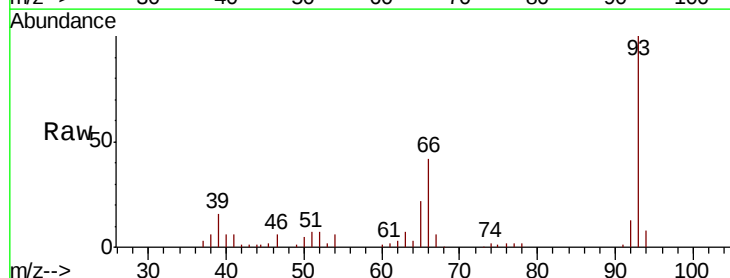
Tgt Ion: 93 Resp: 84177

Ion Ratio Lower Upper

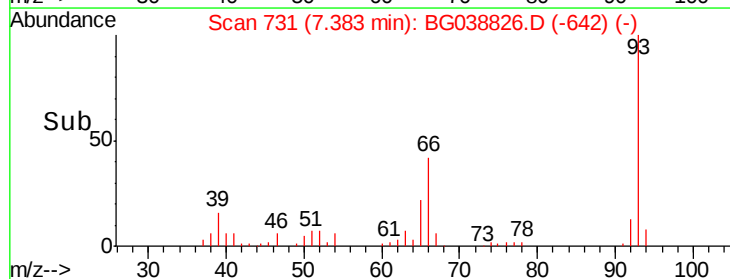
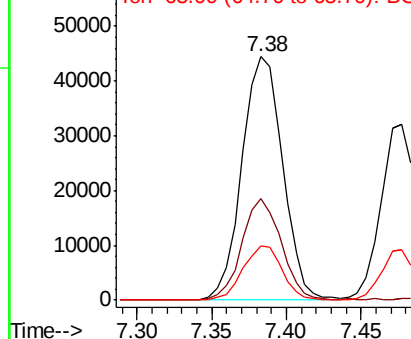
93 100

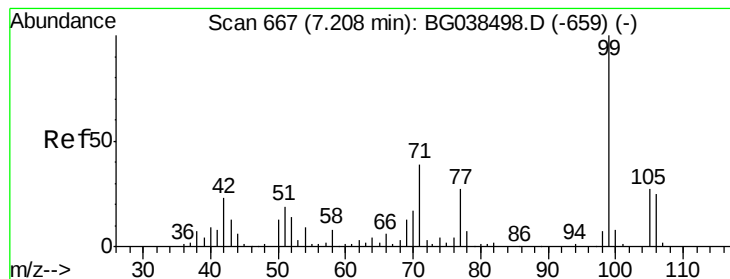
66 41.9 31.7 47.5

65 22.2 17.8 26.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.560 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

Instrument :

BNA_E

ClientSampled :

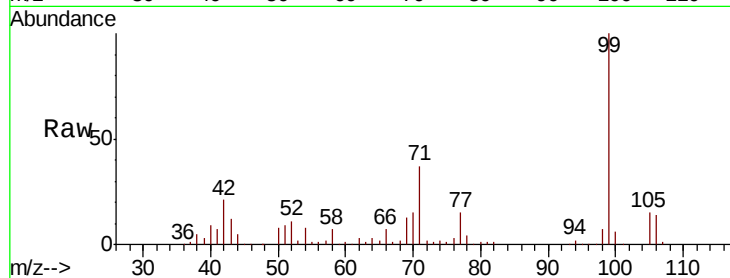
Tot Ion: 99 Resp: 135042

Ion Ratio Lower Upper

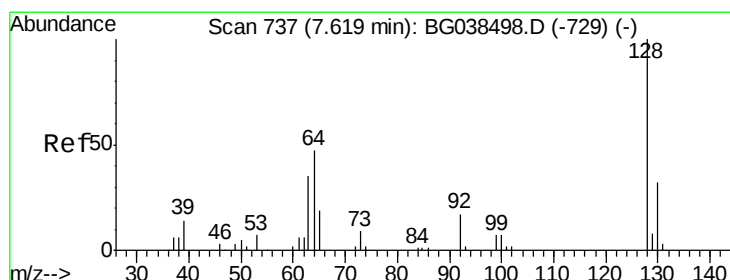
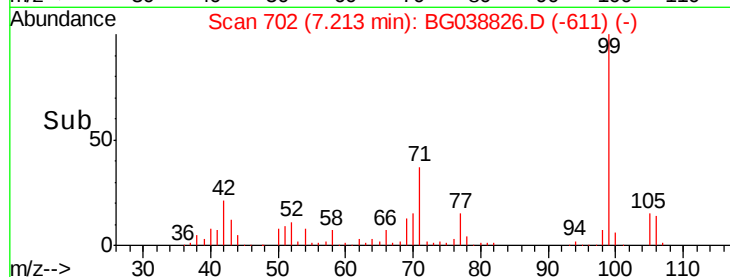
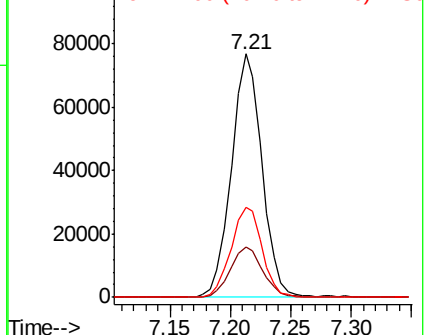
99 100

42 20.7 18.5 27.7

71 37.0 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.853 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

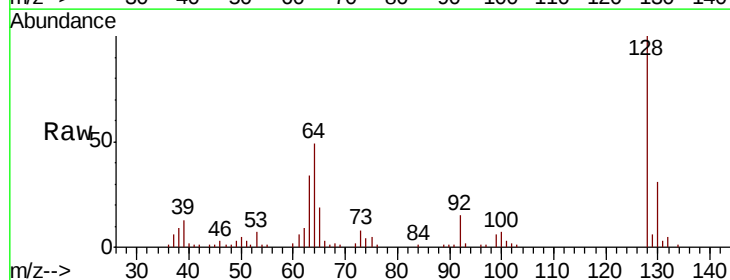
Tgt Ion: 128 Resp: 57018

Ion Ratio Lower Upper

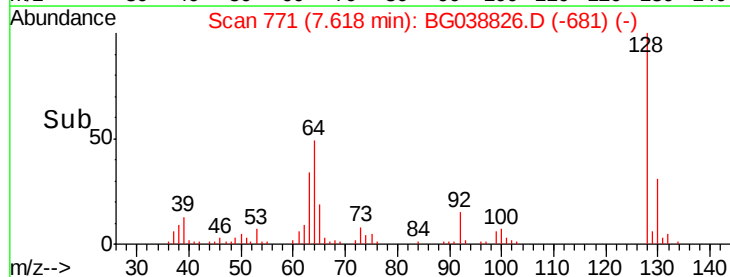
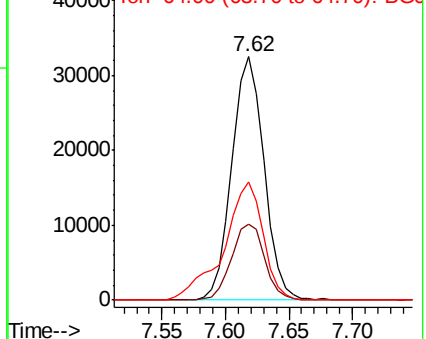
128 100

130 31.3 11.8 51.8

64 48.6 33.2 73.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC

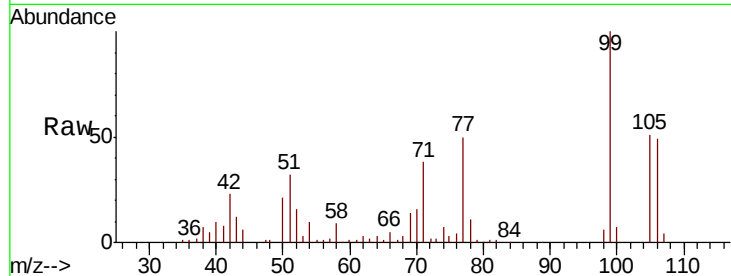




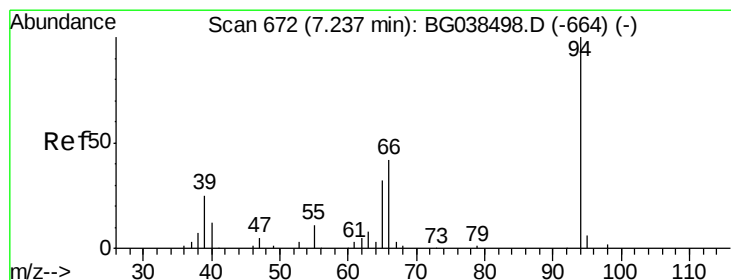
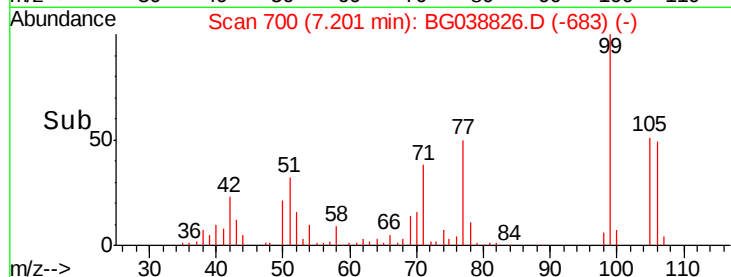
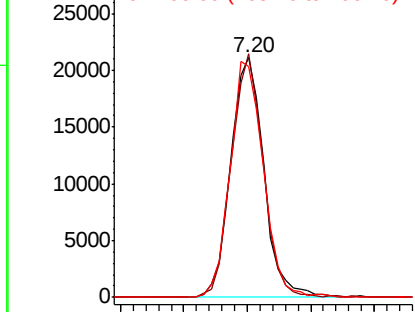
#9
Benzaldehyde
Concen: 36.458 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Instrument :
BNA_E
ClientSampled :

Tot Ion: 77 Resp: 38222
Ion Ratio Lower Upper
77 100
105 101.6 74.0 114.0
106 96.4 73.9 113.9

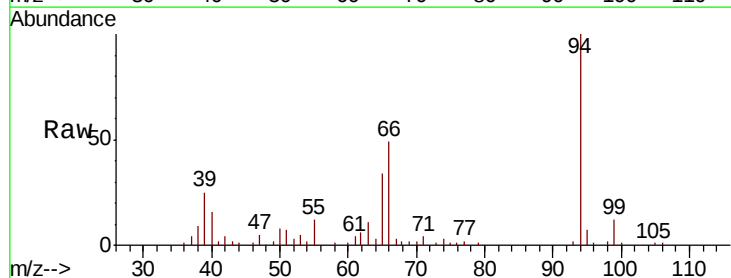


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

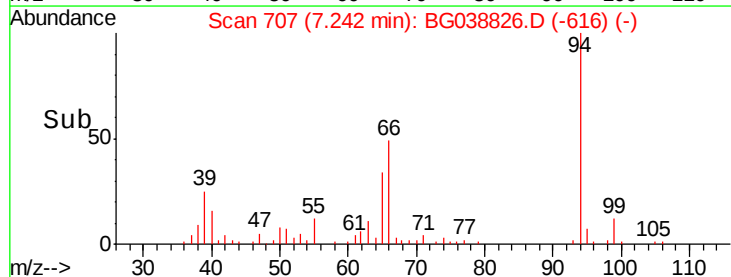
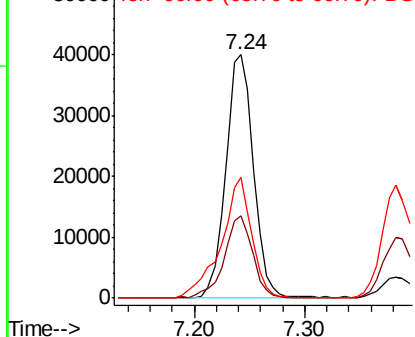


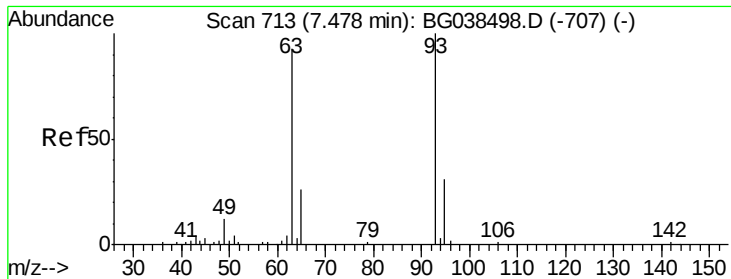
#10
Phenol
Concen: 40.980 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion: 94 Resp: 70361
Ion Ratio Lower Upper
94 100
65 33.7 12.6 52.6
66 49.3 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

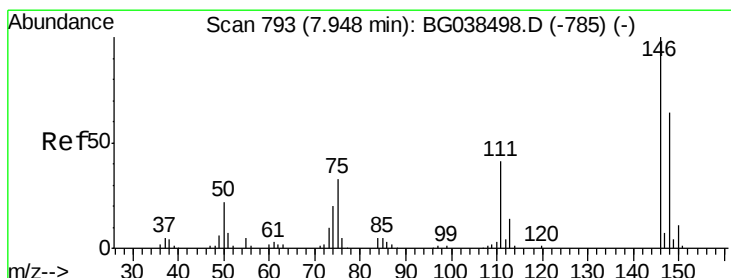
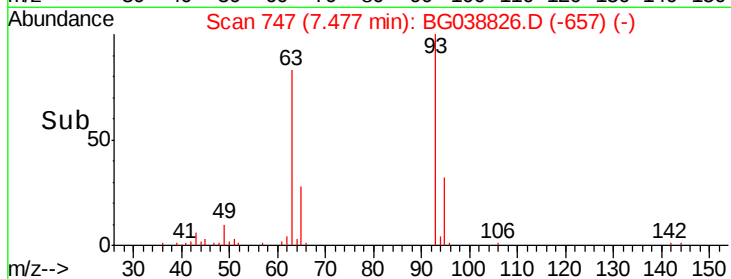
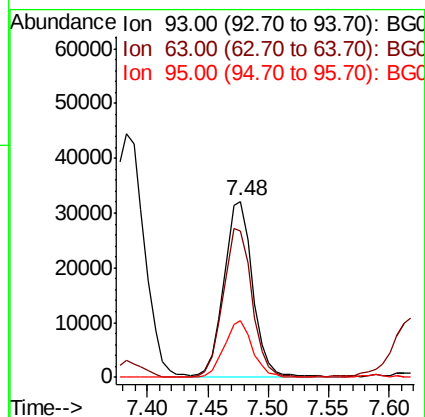
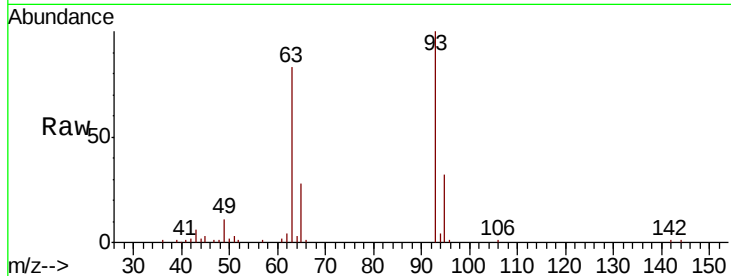




#11
 bis(2-Chloroethyl)ether
 Concen: 39.094 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

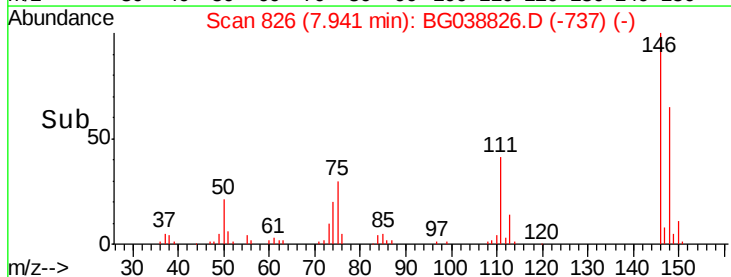
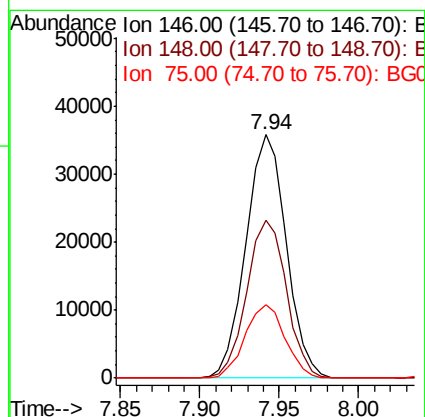
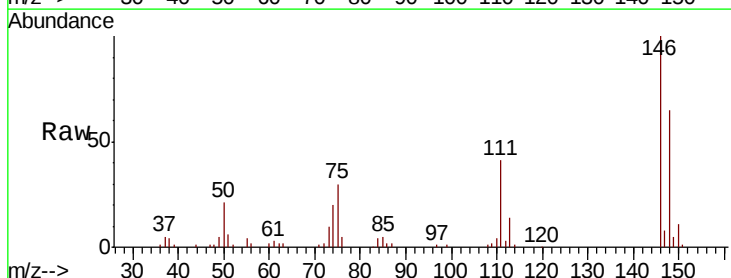
Instrument :
 BNA_E
 ClientSampled :

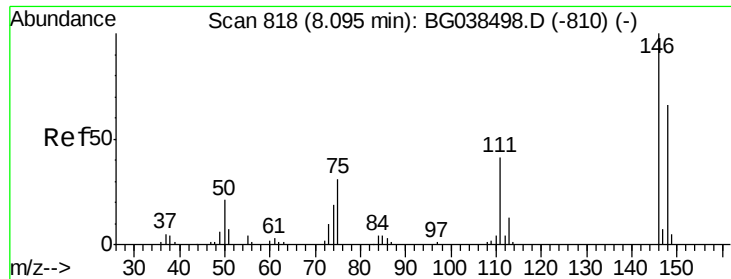
Tot Ion: 93 Resp: 53441
 Ion Ratio Lower Upper
 93 100
 63 83.3 72.2 112.2
 95 32.3 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 39.262 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Tgt Ion: 146 Resp: 63242
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.0
 75 30.1 26.1 39.1

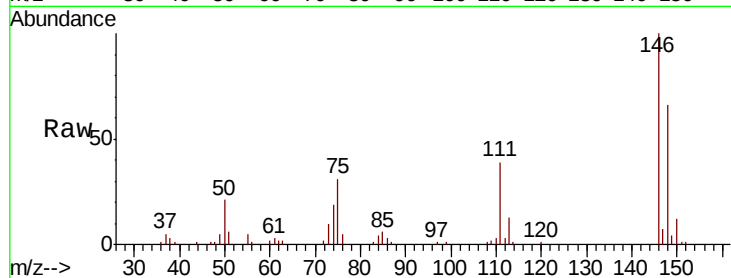




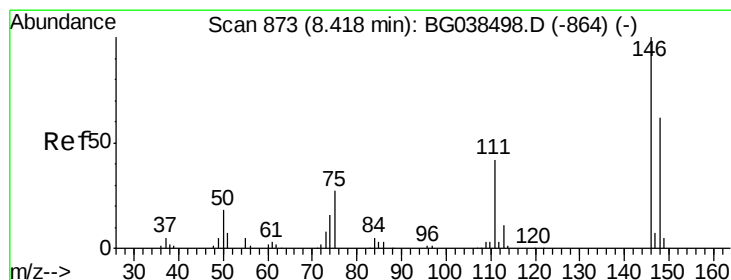
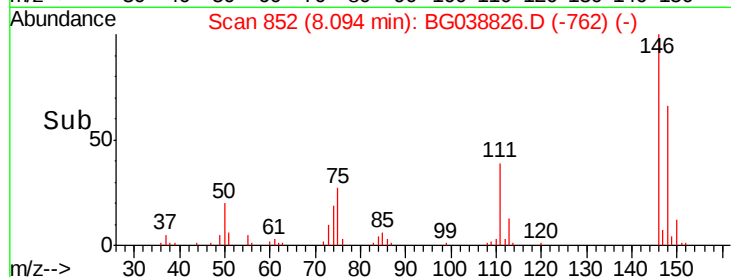
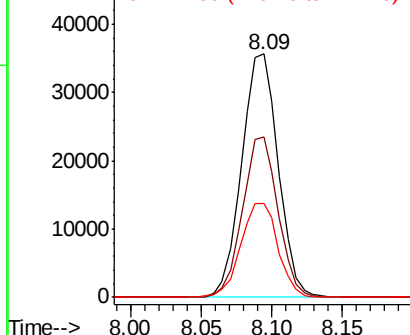
#13
 1,4-Dichlorobenzene
 Concen: 39.130 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:146 Resp: 64553
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.4 78.6
 111 38.7 33.0 49.4

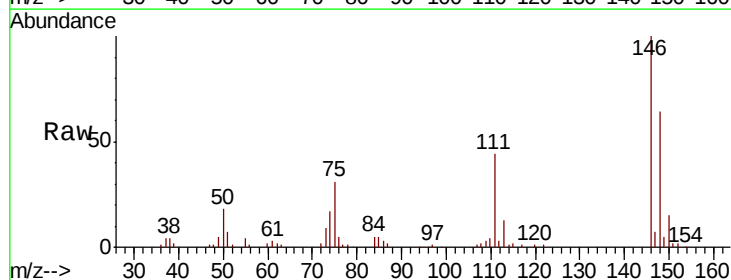


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

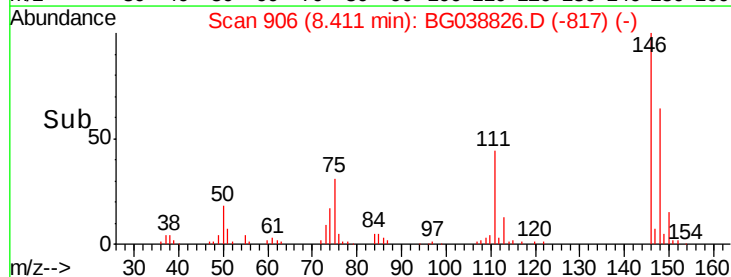
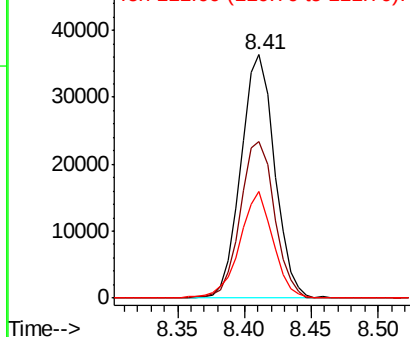


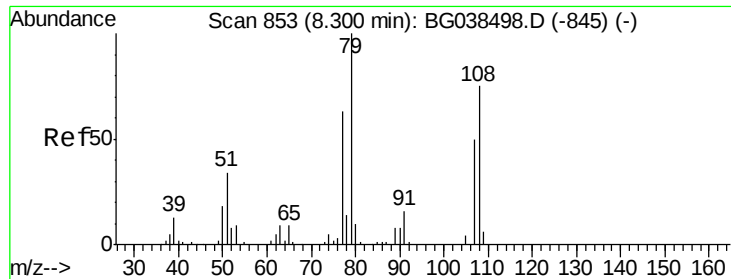
#14
 1,2-Dichlorobenzene
 Concen: 40.749 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Tgt Ion:146 Resp: 63375
 Ion Ratio Lower Upper
 146 100
 148 64.2 49.4 74.0
 111 44.0 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

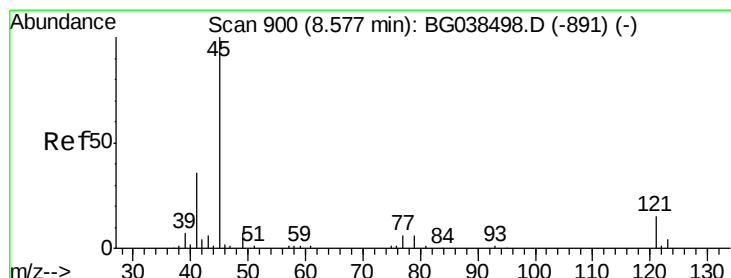
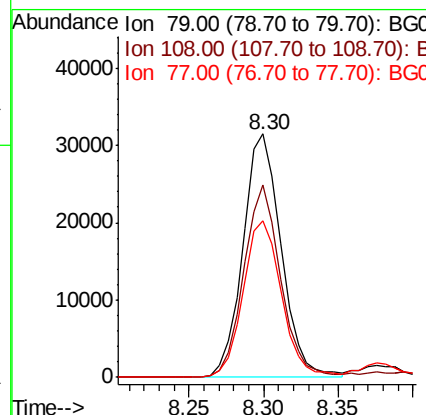
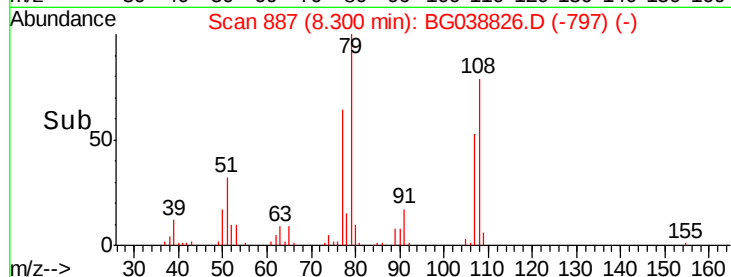
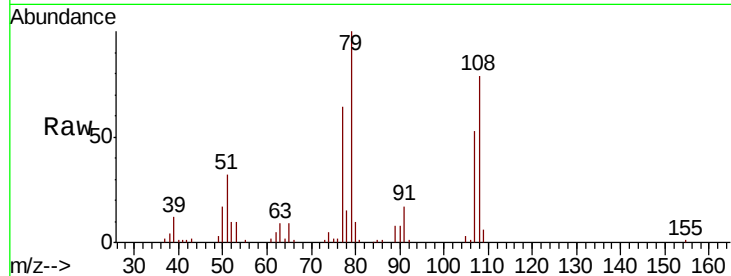




#15
Benzyl Alcohol
Concen: 44.242 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

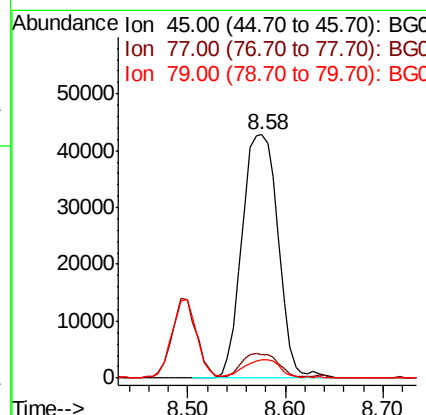
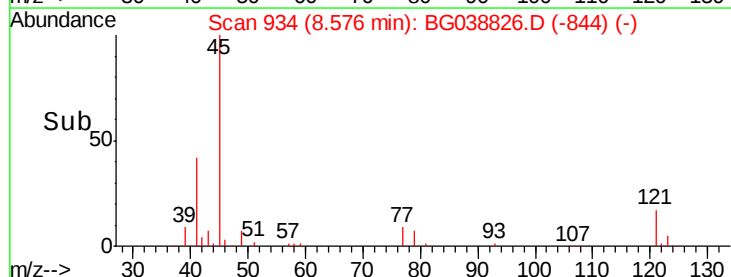
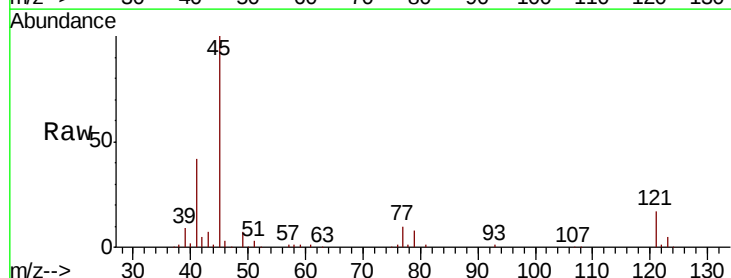
Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.1	60.2	90.4
77	64.1	50.7	76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.458 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.6	0.0	28.2
79	7.6	0.0	27.2

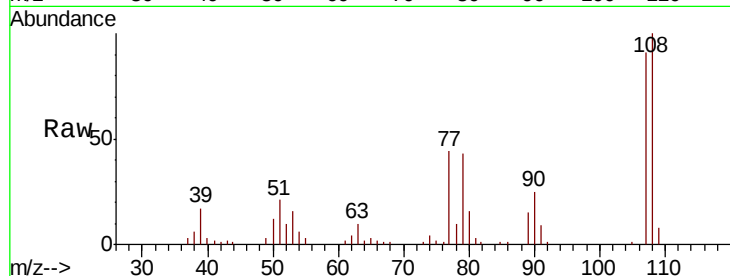




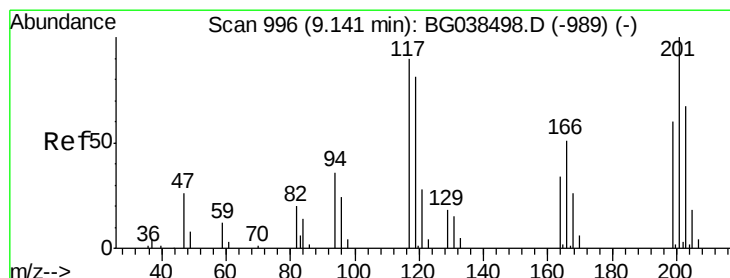
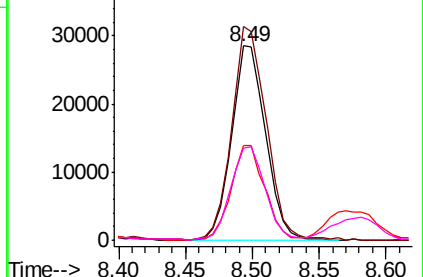
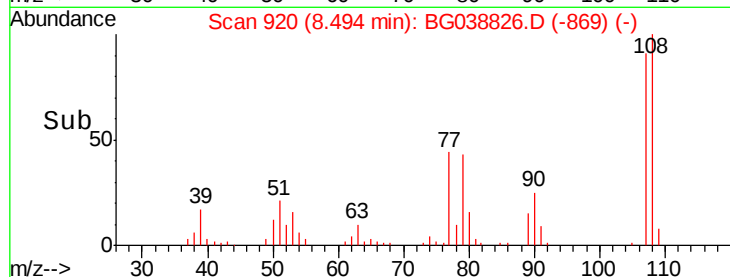
#17
2-Methylphenol
Concen: 43.867 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Instrument :
BNA_E
ClientSampled :

Tot Ion:107 Resp: 50462
Ion Ratio Lower Upper
107 100
108 109.9 87.1 130.7
77 48.8 42.0 63.0
79 47.6 38.2 57.2

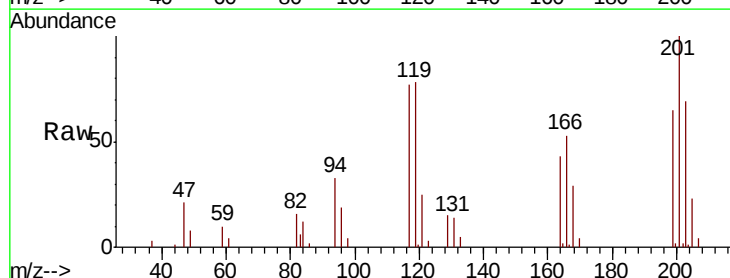


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

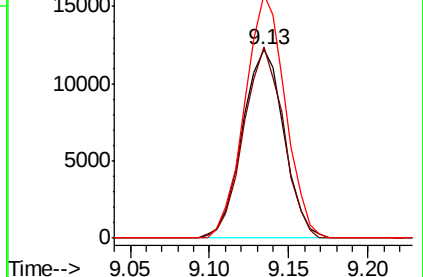
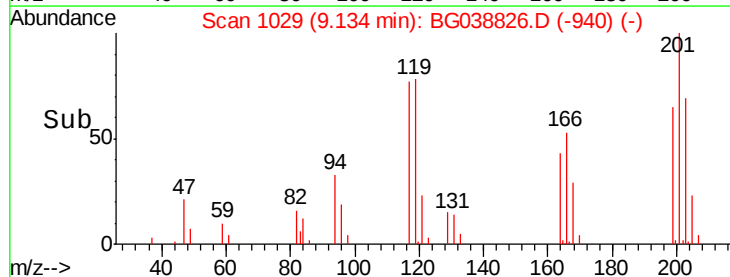


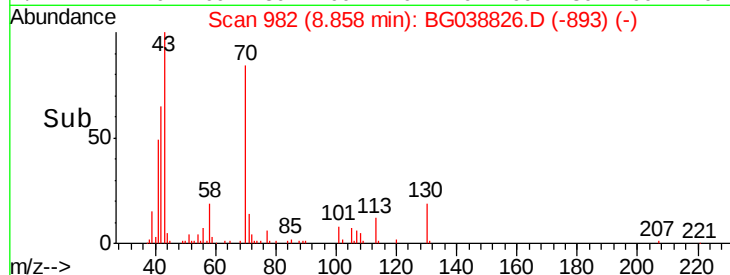
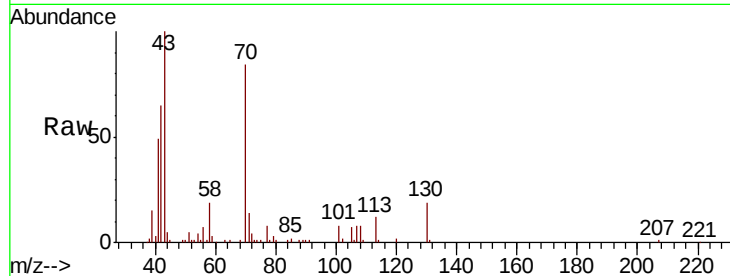
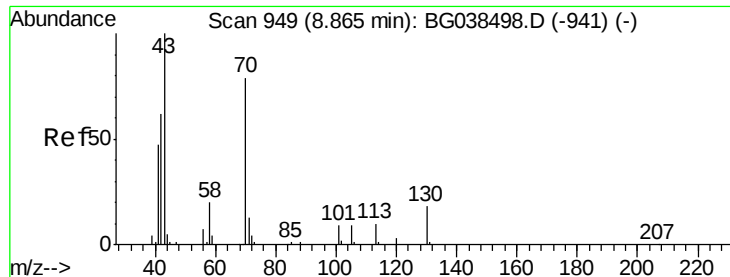
#18
Hexachloroethane
Concen: 37.133 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion:117 Resp: 22385
Ion Ratio Lower Upper
117 100
119 101.3 73.8 110.8
201 129.3 89.4 134.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

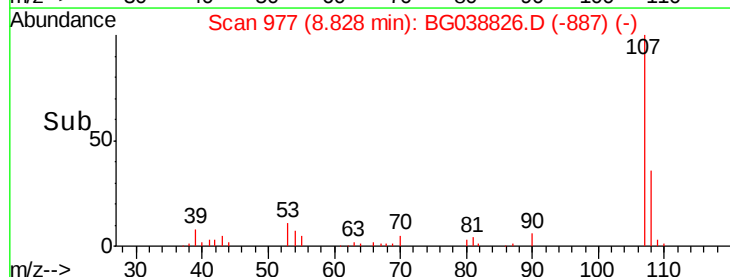
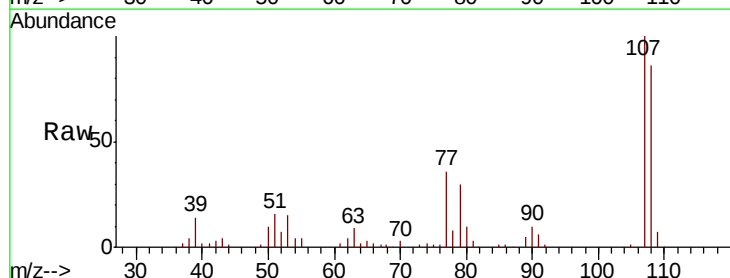
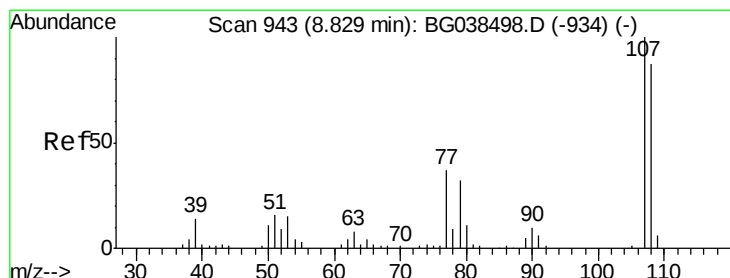
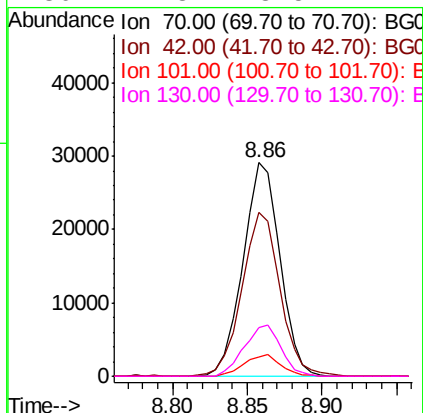




#19
n-Nitroso-di-n-propylamine
Concen: 43.969 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

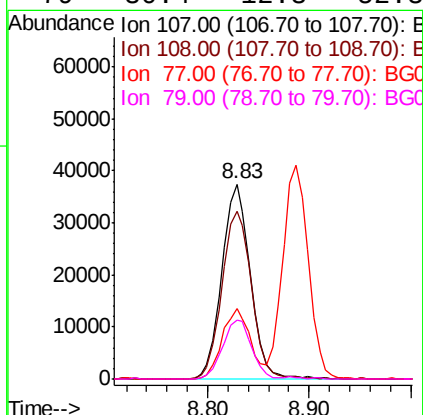
Instrument :
BNA_E
ClientSampleId :

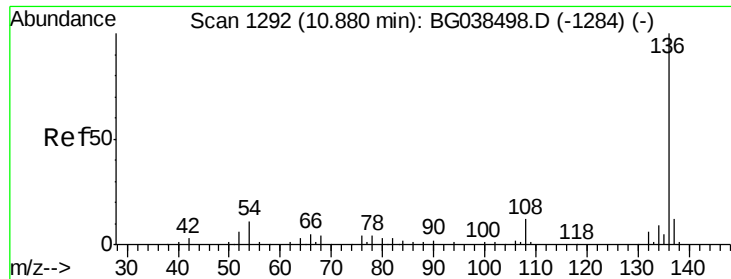
Tot Ion:	70	Resp:	49908
Ion	Ratio	Lower	Upper
70	100		
42	76.7	63.6	95.4
101	9.3	9.2	13.8
130	22.8	18.5	27.7



#20
3+4-Methylphenols
Concen: 45.755 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion:	107	Resp:	72689
Ion	Ratio	Lower	Upper
107	100		
108	86.1	66.7	106.7
77	36.3	17.3	57.3
79	30.4	12.3	52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 97205

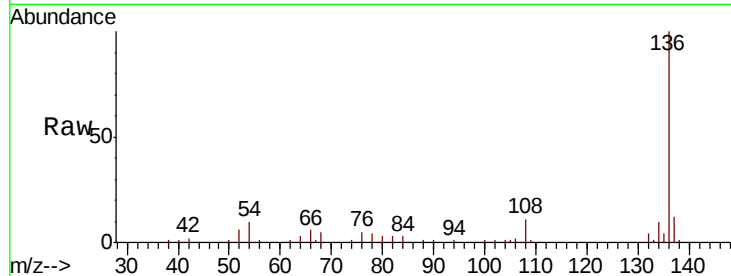
Ion Ratio Lower Upper

136 100

137 12.2 9.3 13.9

54 10.1 8.5 12.7

68 5.0 3.5 5.3

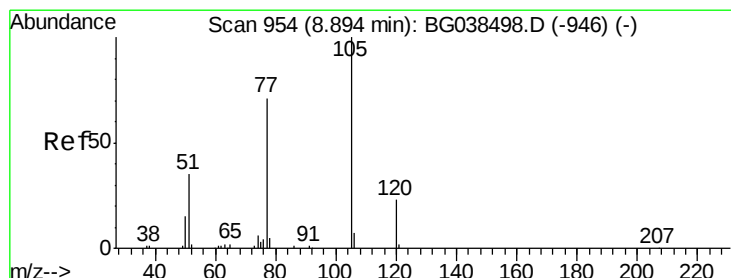
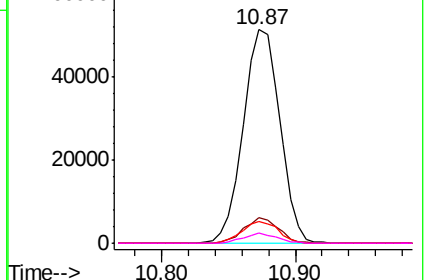
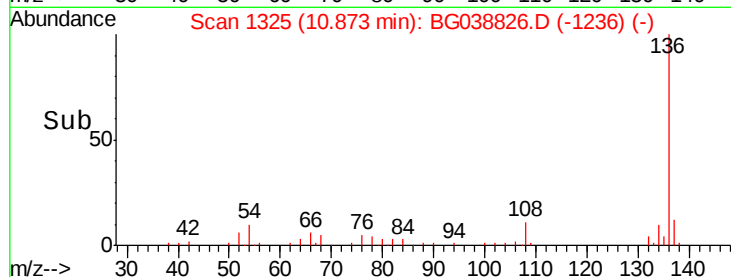


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.870 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

Tgt Ion:105 Resp: 96803

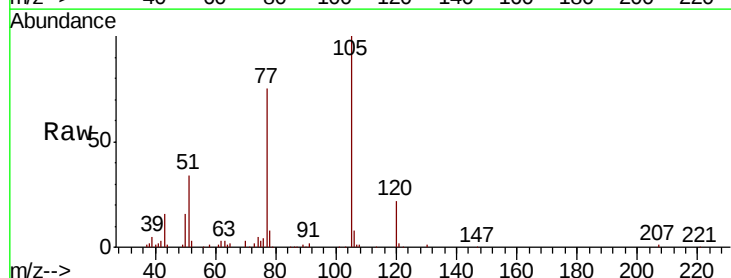
Ion Ratio Lower Upper

105 100

71 0.4 0.4 0.6#

51 34.2 30.6 46.0

120 22.3 18.6 28.0

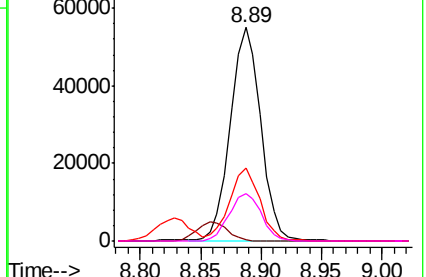
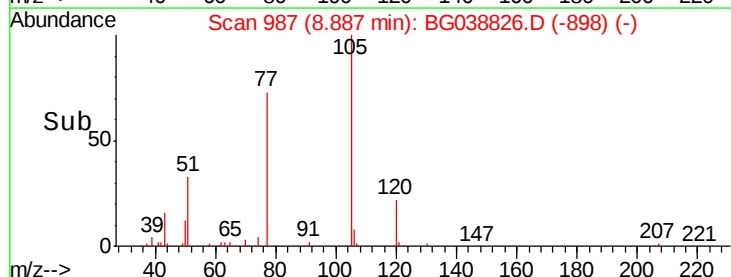


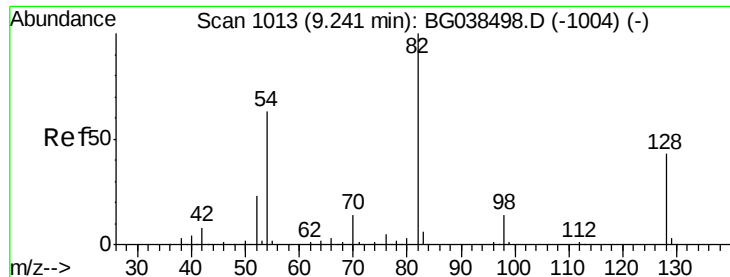
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

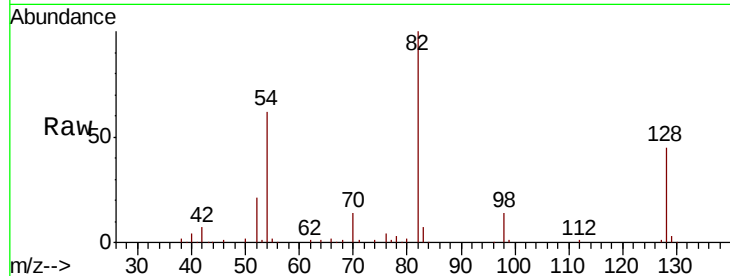




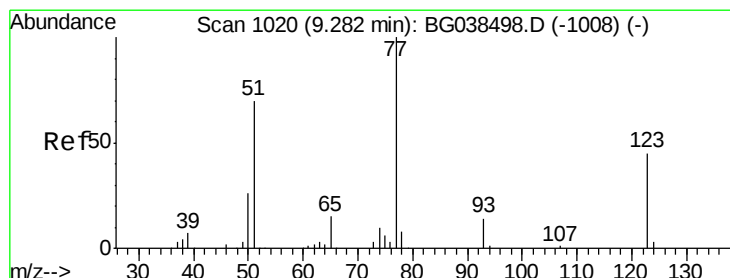
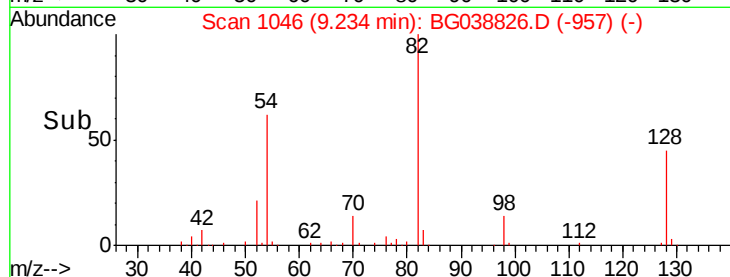
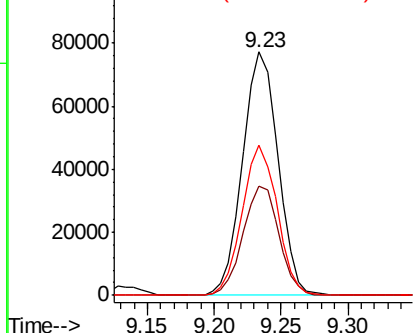
#23
 Nitrobenzene-d5
 Concen: 74.542 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 82 Resp: 141834
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.6 52.0
 54 61.6 50.6 76.0

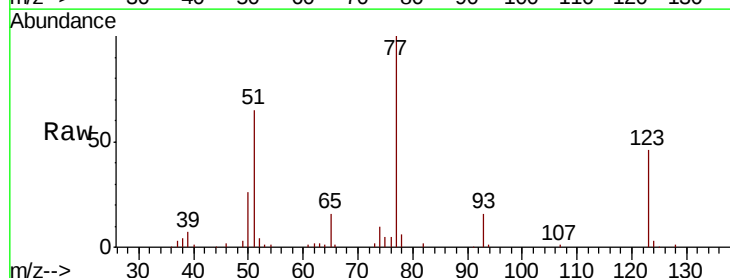


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

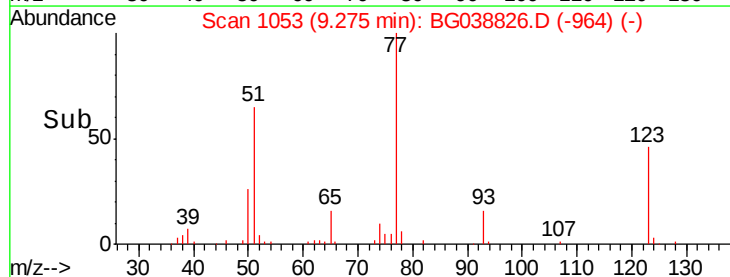
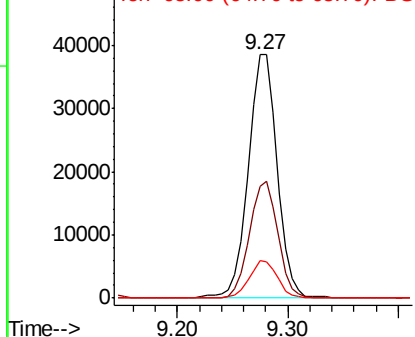


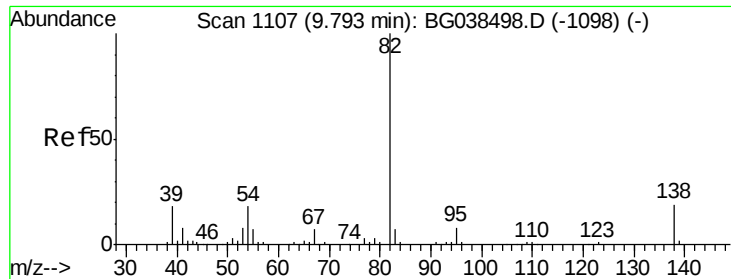
#24
 Nitrobenzene
 Concen: 36.849 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Tgt Ion: 77 Resp: 70929
 Ion Ratio Lower Upper
 77 100
 123 46.1 35.9 53.9
 65 15.5 12.0 18.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

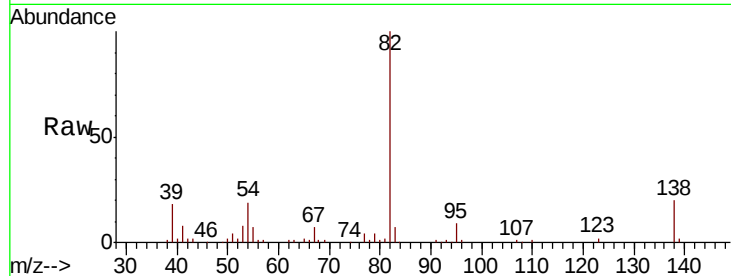




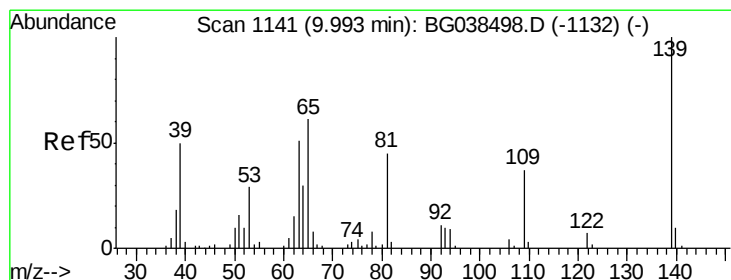
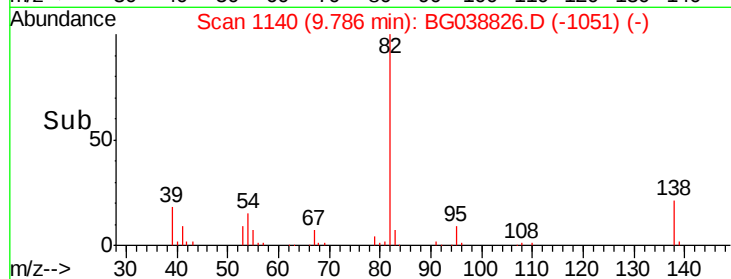
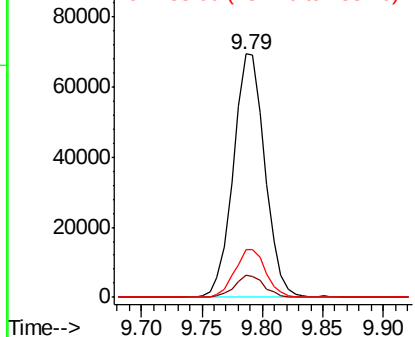
#25
Isophorone
Concen: 37.042 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 82 Resp: 126634
Ion Ratio Lower Upper
82 100
95 8.9 6.1 9.1
138 19.5 14.9 22.3

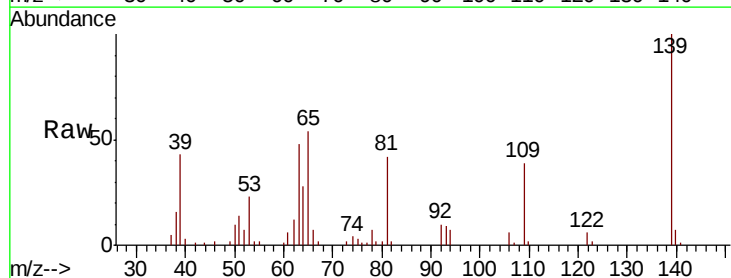


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

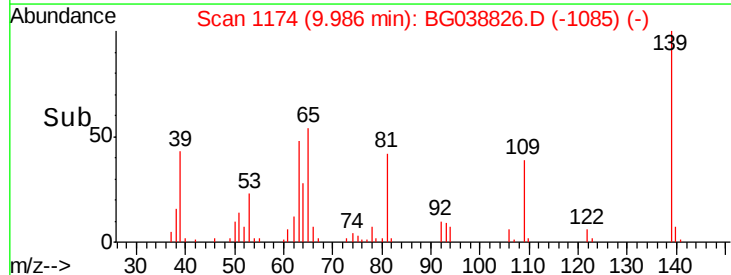
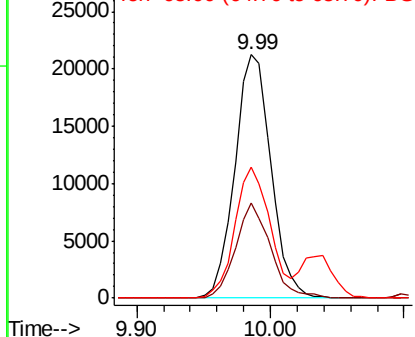


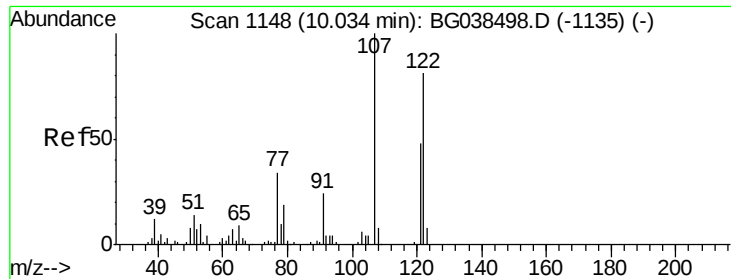
#26
2-Nitrophenol
Concen: 40.325 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion: 139 Resp: 39727
Ion Ratio Lower Upper
139 100
109 38.8 29.5 44.3
65 53.9 48.5 72.7



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

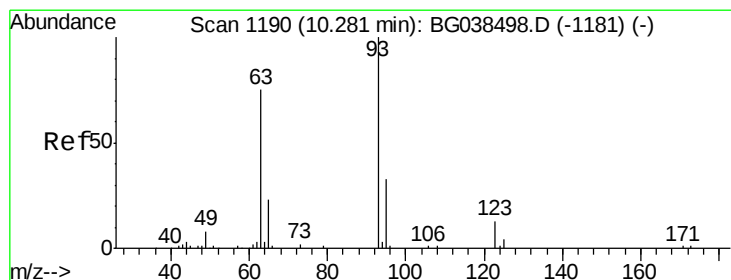
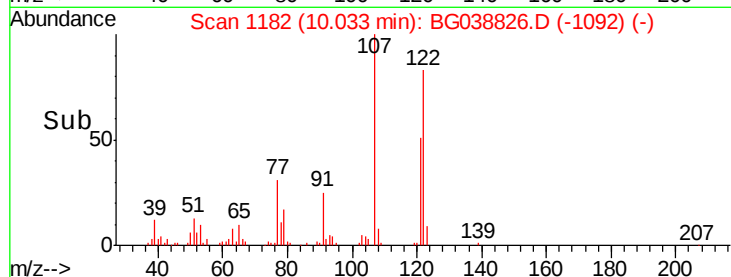
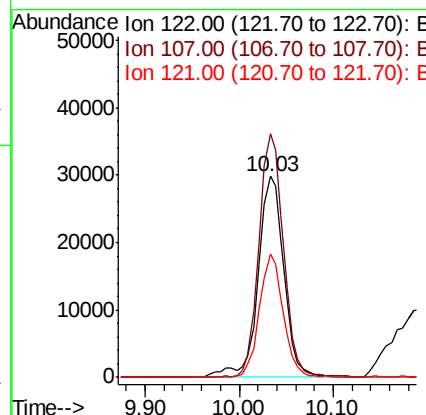
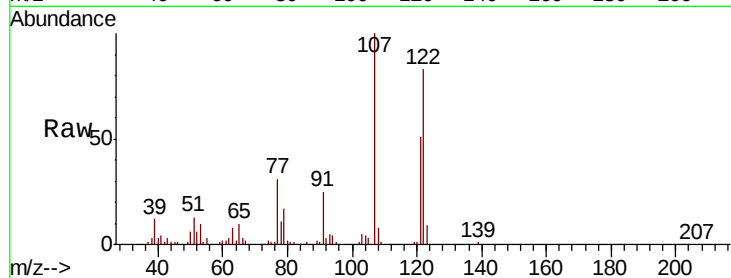




#27
2,4-Dimethylphenol
Concen: 40.129 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

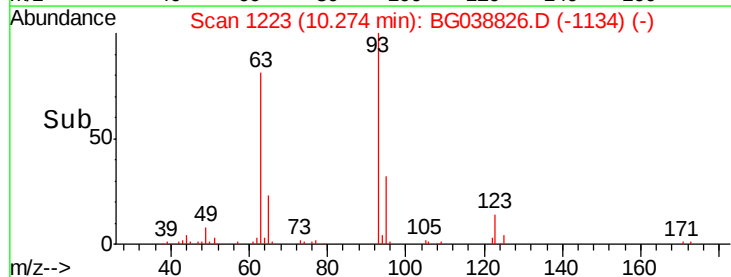
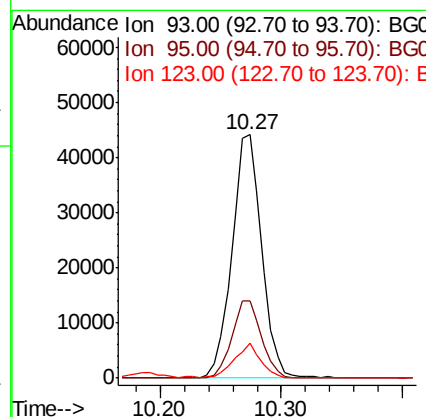
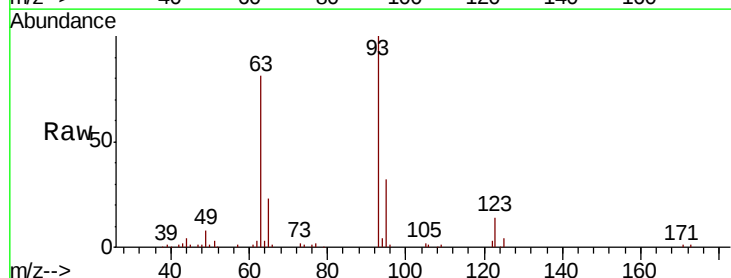
Instrument :
BNA_E
ClientSampled :

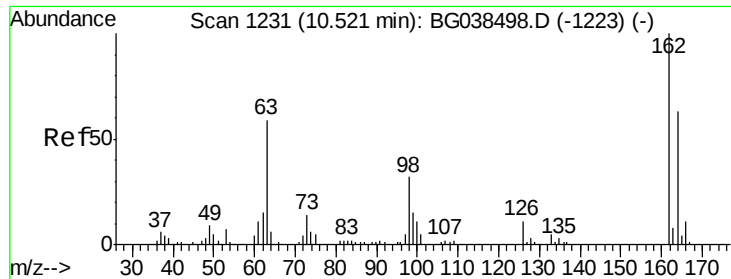
Tot Ion:122 Resp: 56659
Ion Ratio Lower Upper
122 100
107 120.9 98.4 147.6
121 61.3 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 38.949 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion: 93 Resp: 75142
Ion Ratio Lower Upper
93 100
95 31.8 26.6 40.0
123 14.4 10.6 16.0

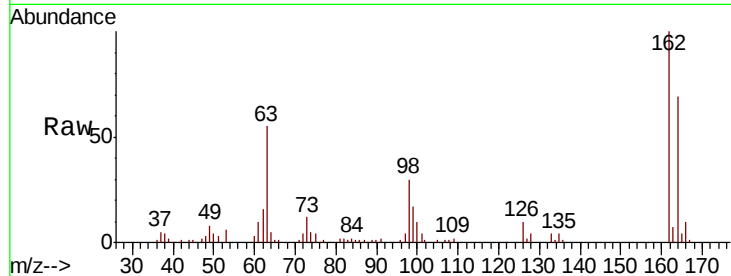




#29
2,4-Dichlorophenol
Concen: 44.155 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.9	42.9	82.9
98	29.9	12.1	52.1

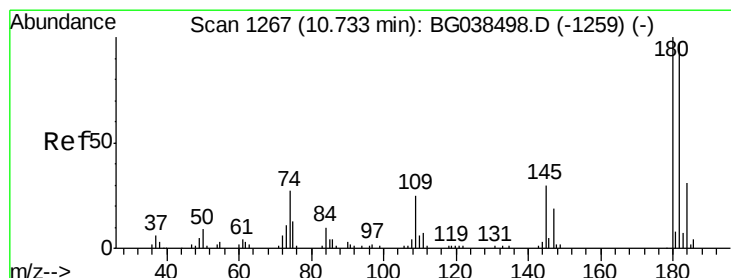
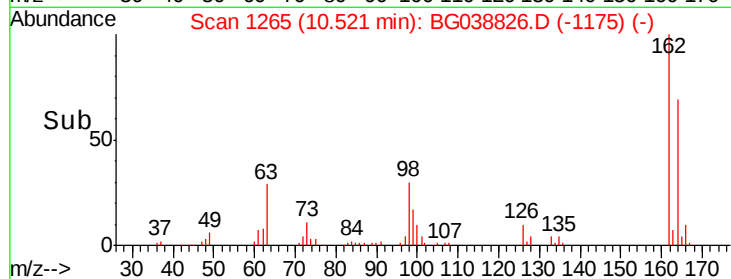
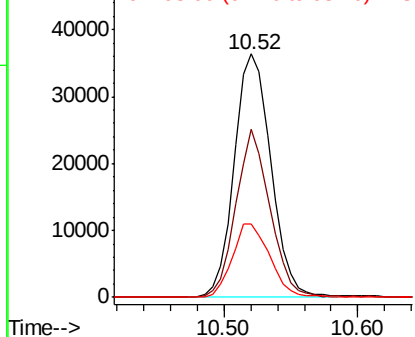


Abundance

Ion 162.00 (161.70 to 162.70): E

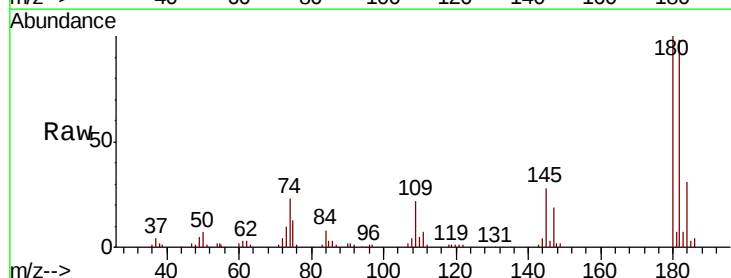
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 39.936 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	77.4	116.0
145	28.1	24.1	36.1

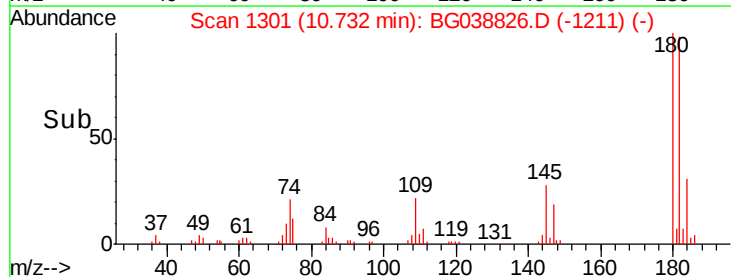
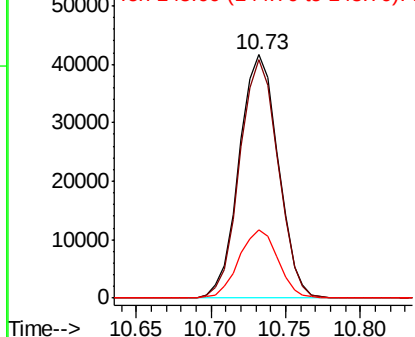


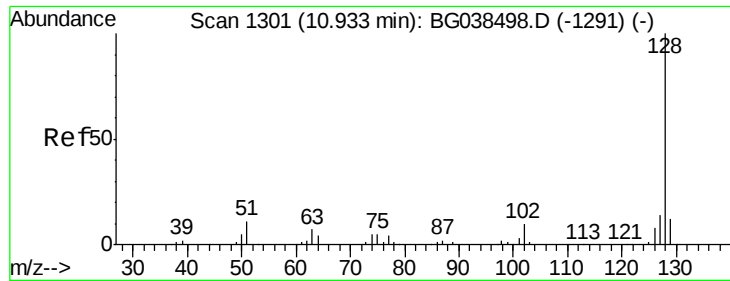
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

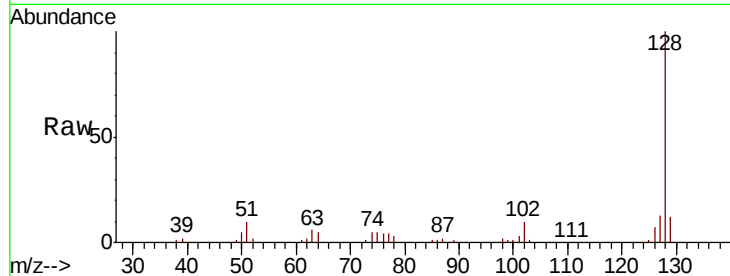




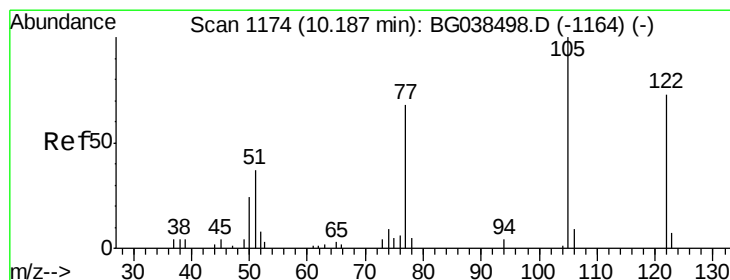
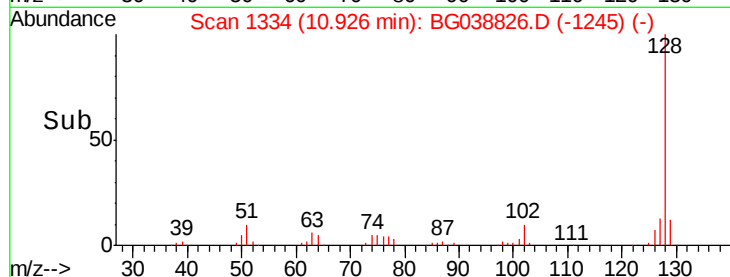
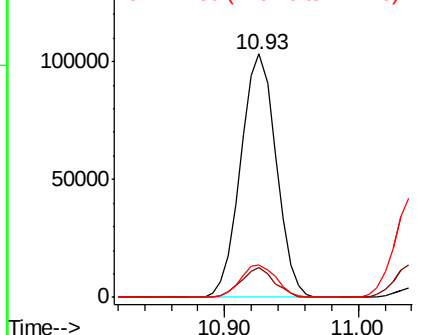
#31
Naphthalene
Concen: 39.425 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion:128 Resp: 188822
Ion Ratio Lower Upper
128 100
129 12.1 9.5 14.3
127 13.4 10.9 16.3

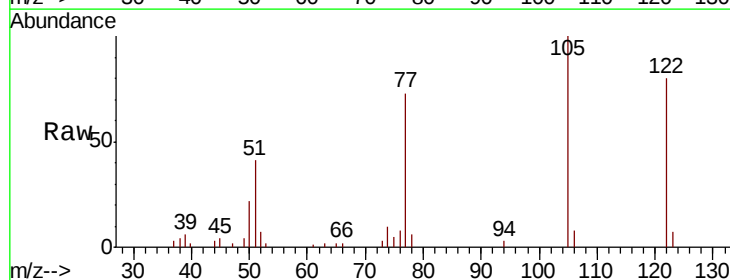


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

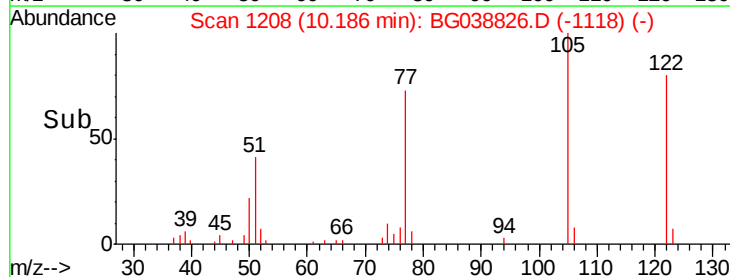
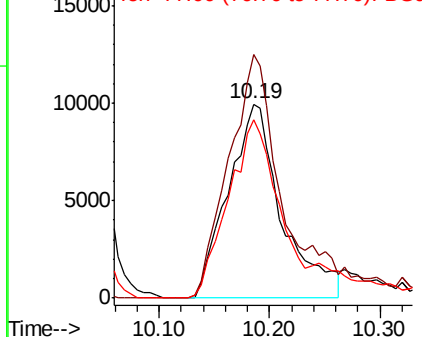


#32
Benzoic acid
Concen: 39.775 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion:122 Resp: 33690
Ion Ratio Lower Upper
122 100
105 125.5 116.7 156.7
77 91.6 72.5 112.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

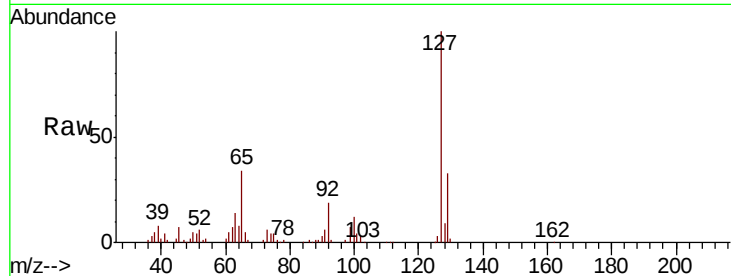




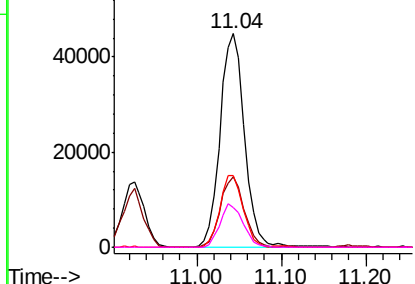
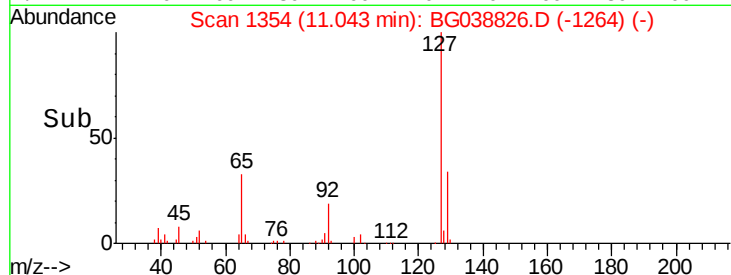
#33
4-Chloroaniline
Concen: 43.243 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion:127	Resp:	89916
Ion Ratio	Lower	Upper
127	100	
129	33.1	25.8 38.8
65	33.5	27.8 41.6
92	18.5	17.0 25.6

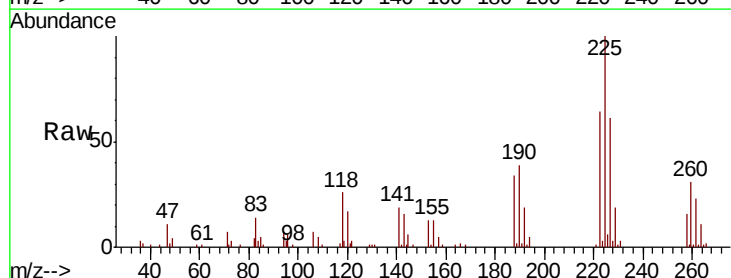


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

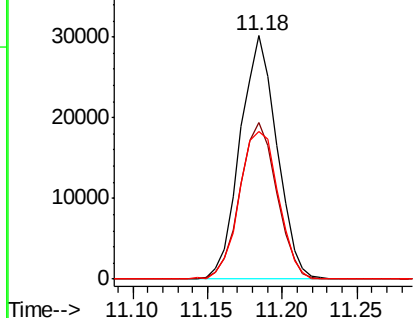
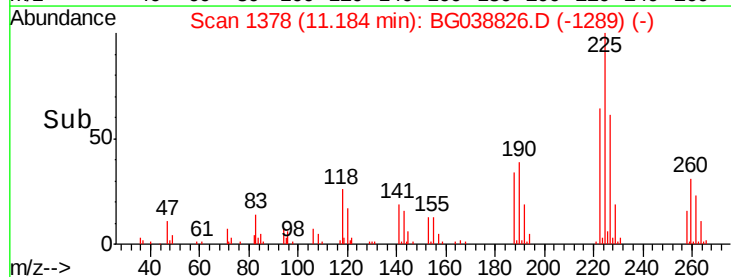


#34
Hexachlorobutadiene
Concen: 40.034 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion:225	Resp:	51396
Ion Ratio	Lower	Upper
225	100	
223	60.9	45.0 67.6
227	57.5	50.6 75.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

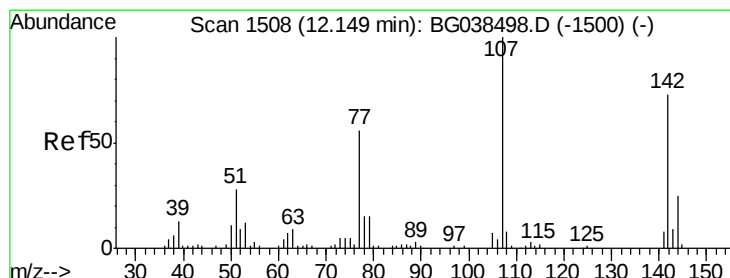
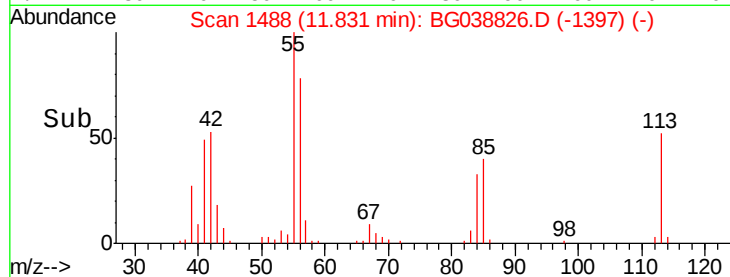
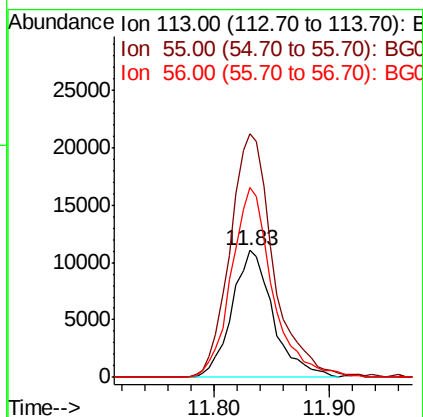
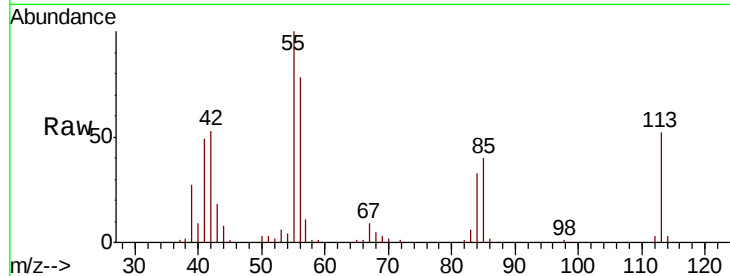




#35
 Caprolactam
 Concen: 42.073 ng
 RT: 11.83 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

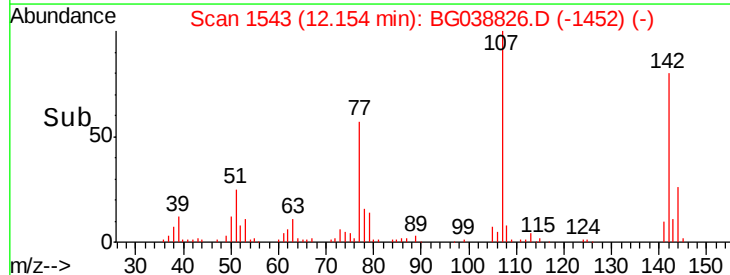
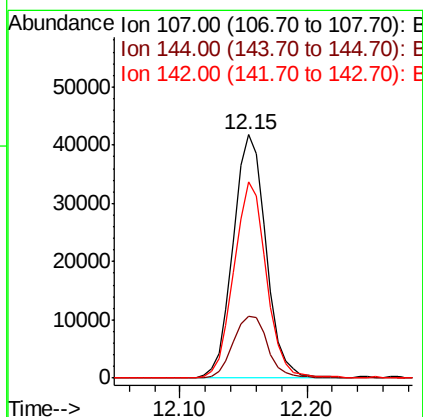
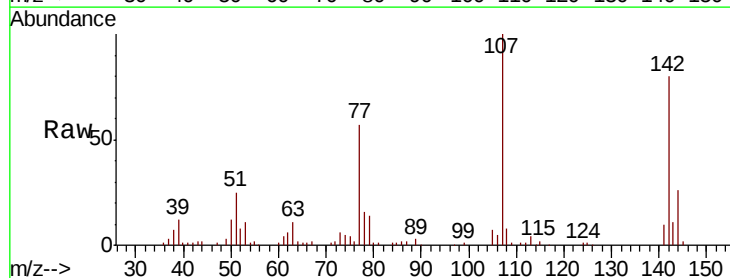
Instrument :
 BNA_E
 ClientSampleId :

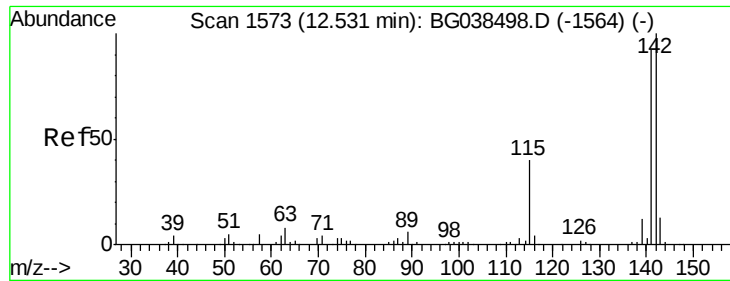
Tot Ion:113 Resp: 27349
 Ion Ratio Lower Upper
 113 100
 55 192.3 204.3 244.3#
 56 149.8 135.0 175.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.838 ng
 RT: 12.15 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Tgt Ion:107 Resp: 74993
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.1 30.1
 142 80.5 58.7 88.1

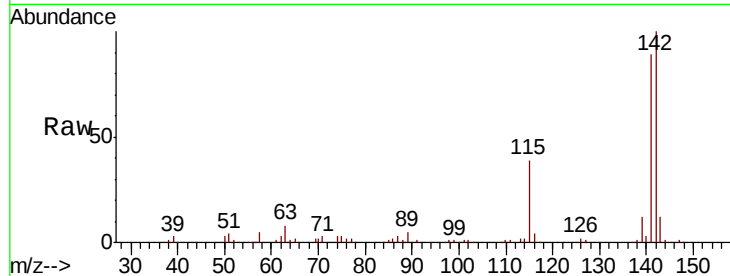




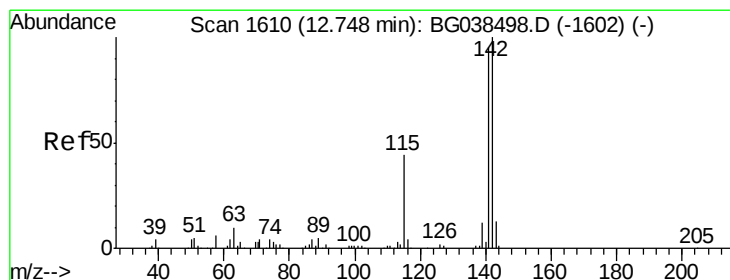
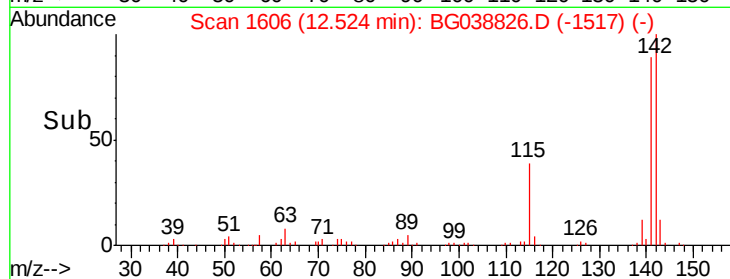
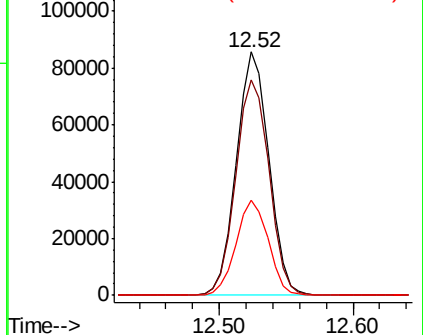
#37
 2-Methylnaphthalene
 Concen: 42.289 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:142 Resp: 144493
 Ion Ratio Lower Upper
 142 100
 141 88.5 73.5 110.3
 115 39.1 31.7 47.5

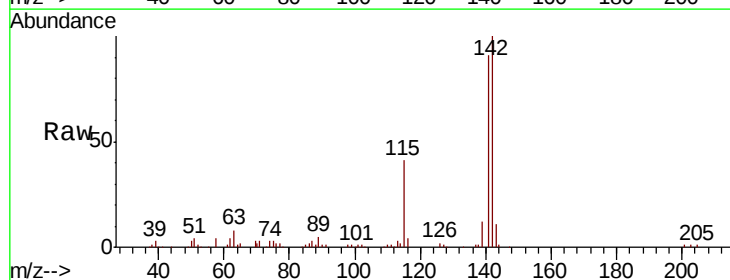


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

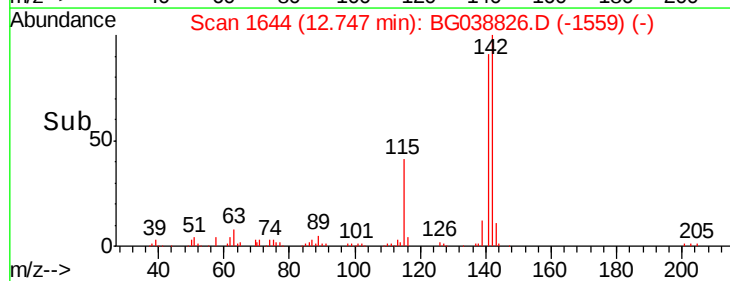
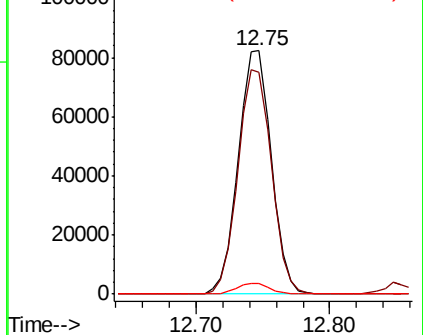


#38
 1-Methylnaphthalene
 Concen: 42.476 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Tgt Ion:142 Resp: 140832
 Ion Ratio Lower Upper
 142 100
 141 91.1 75.8 113.8
 116 4.2 3.6 5.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

Instrument :

BNA_E

ClientSampleId :

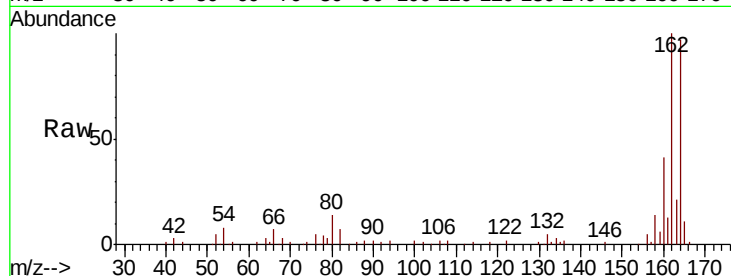
Tot Ion:164 Resp: 72344

Ion Ratio Lower Upper

164 100

162 103.2 86.6 130.0

160 42.1 34.2 51.2

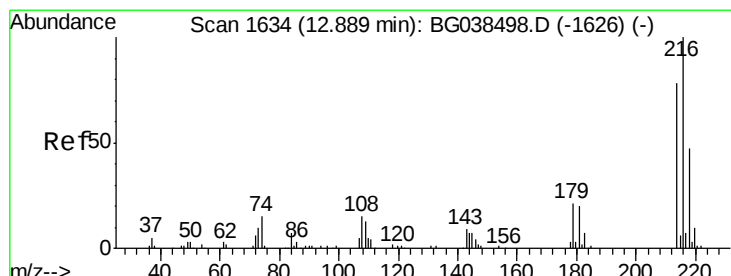
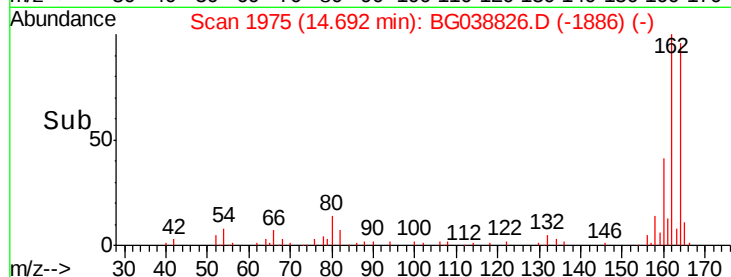
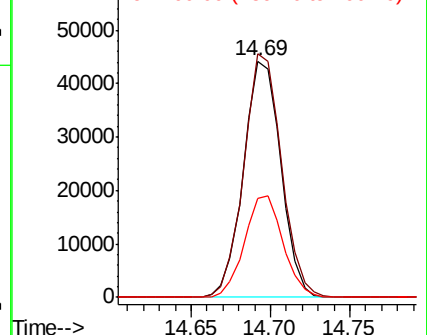


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.044 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

Tgt Ion:216 Resp: 105582

Ion Ratio Lower Upper

216 100

214 78.8 64.1 96.1

179 18.9 16.4 24.6

108 15.0 13.9 20.9

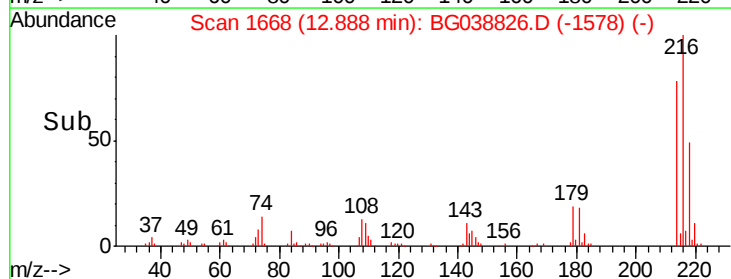
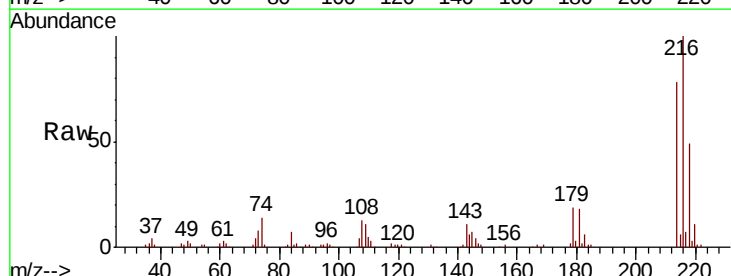
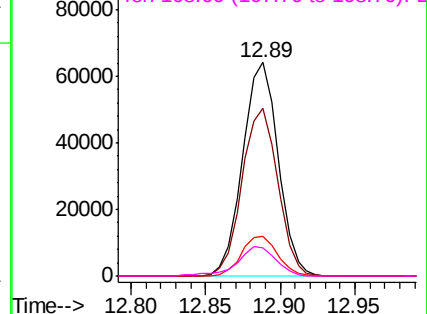
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 34.020 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

Instrument :

BNA_E

ClientSampleId :

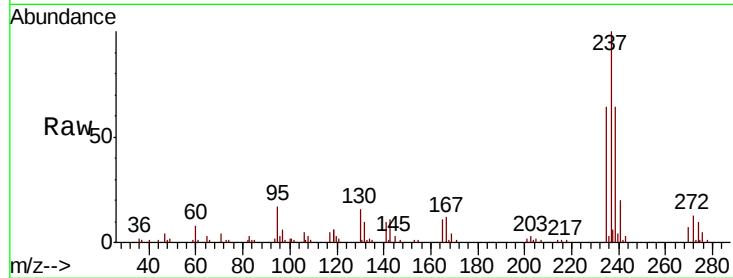
Tot Ion:237 Resp: 50542

Ion Ratio Lower Upper

237 100

235 64.0 38.8 78.8

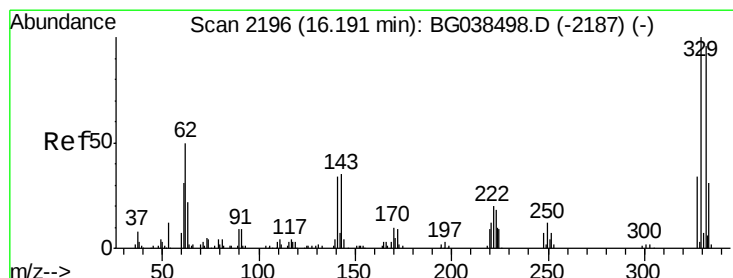
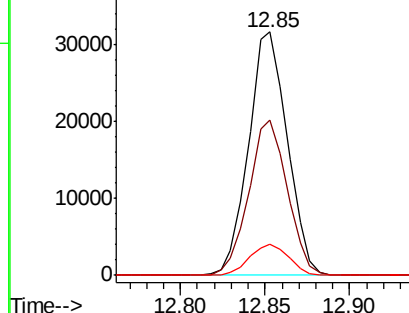
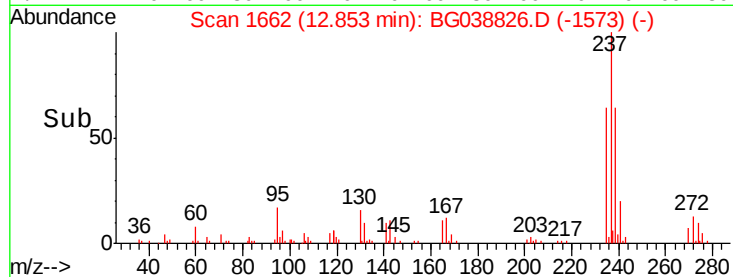
272 12.9 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 89.366 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

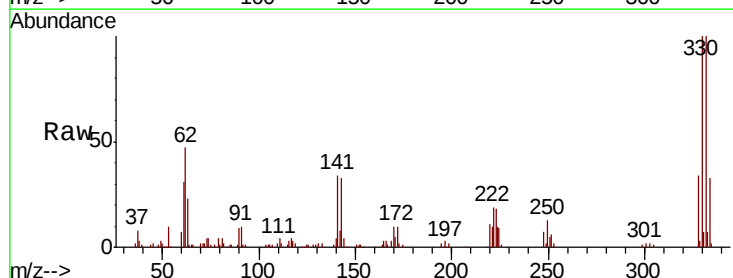
Tgt Ion:330 Resp: 89101

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

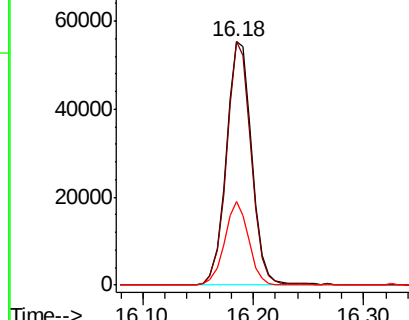
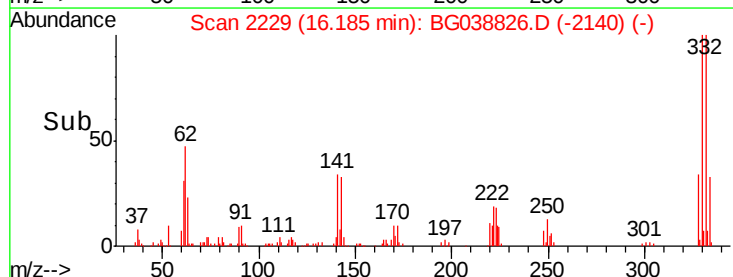
141 32.2 28.8 43.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

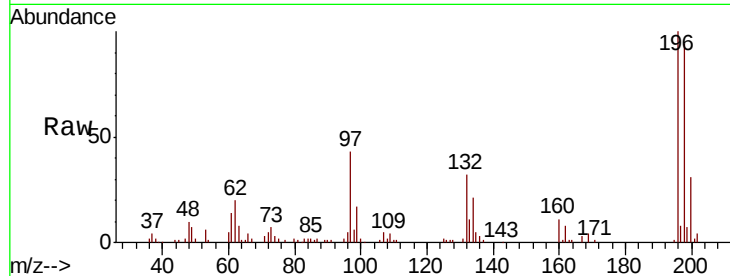




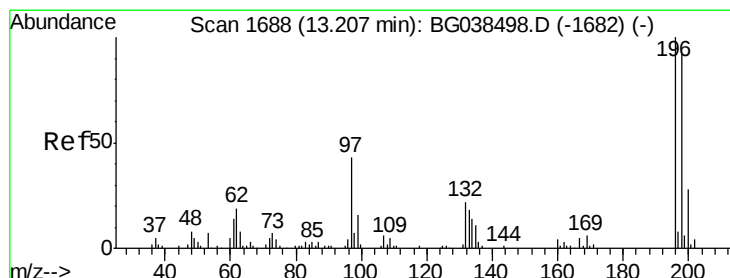
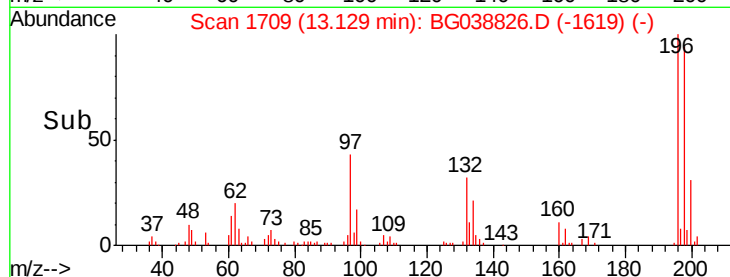
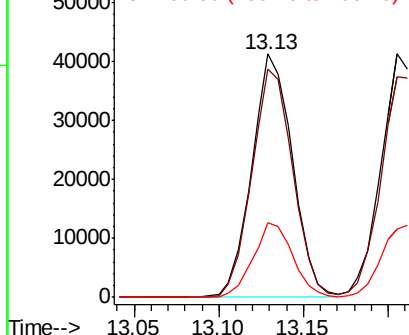
#43
 2,4,6-Trichlorophenol
 Concen: 41.348 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:196 Resp: 68749
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.0 112.4
 200 30.9 22.4 33.6

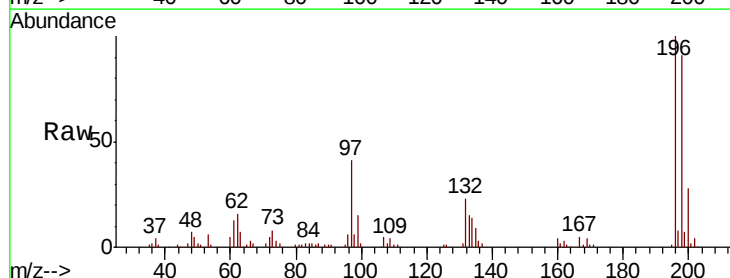


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

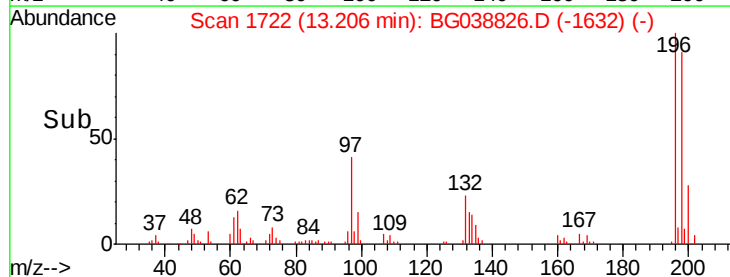
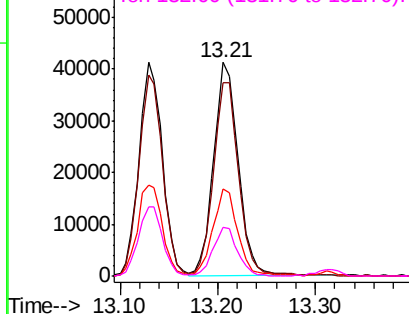


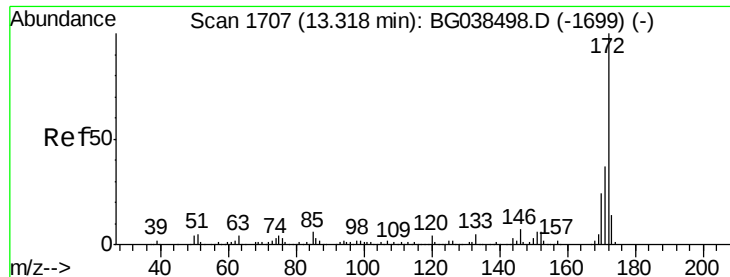
#44
 2,4,5-Trichlorophenol
 Concen: 40.952 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Tgt Ion:196 Resp: 72094
 Ion Ratio Lower Upper
 196 100
 198 90.8 74.0 111.0
 97 40.6 35.1 52.7
 132 22.7 18.0 27.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

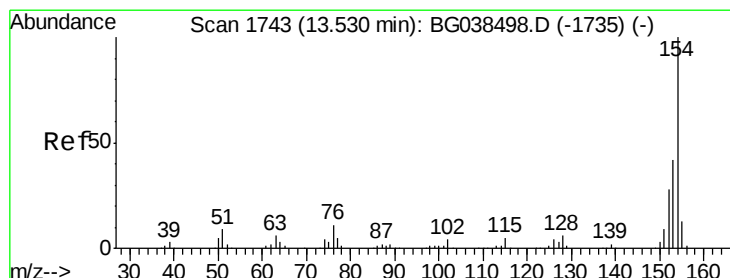
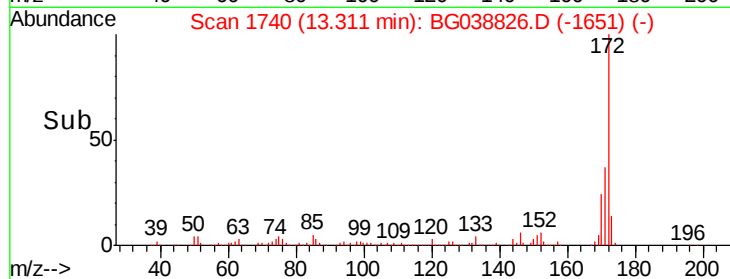
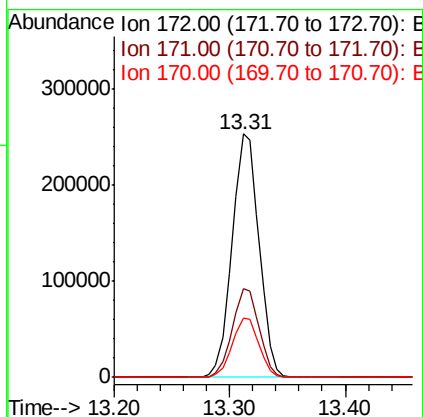
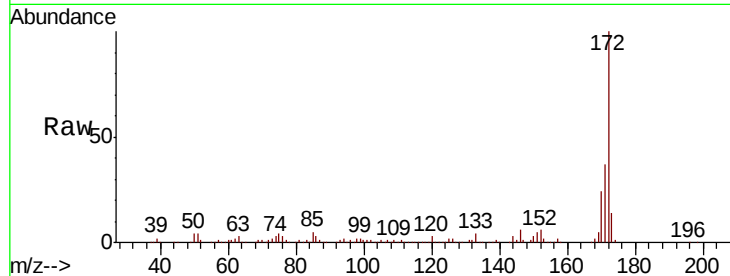




#45
2-Fluorobiphenyl
Concen: 77.319 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

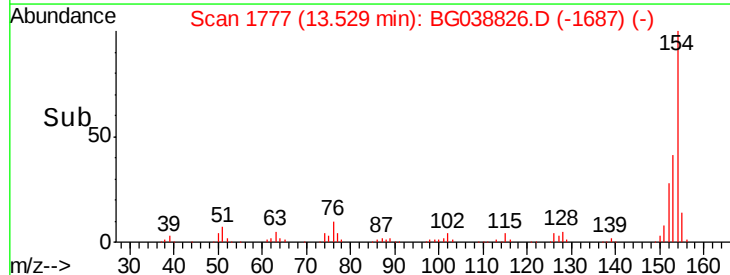
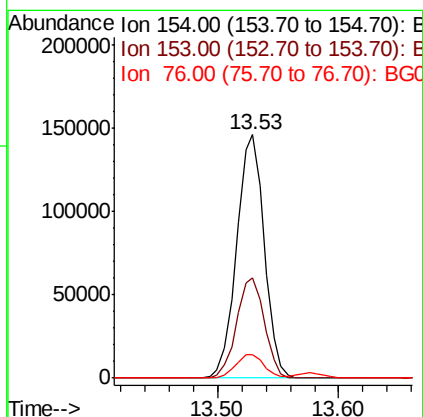
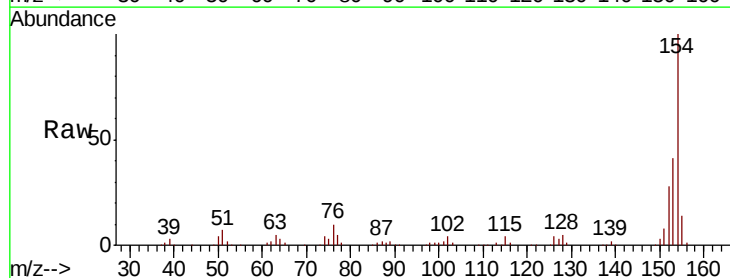
Instrument :
BNA_E
ClientSampleId :

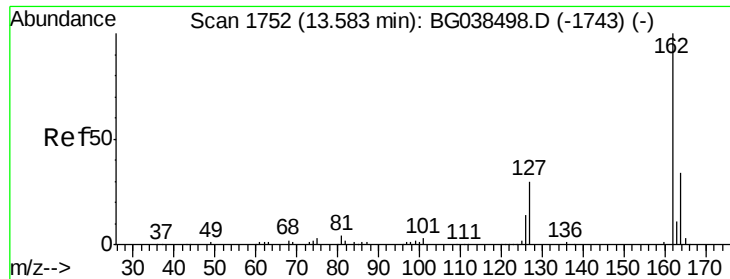
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.4	19.5	29.3



#46
1,1'-Biphenyl
Concen: 38.305 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.1	62.1
76	9.8	0.0	31.2

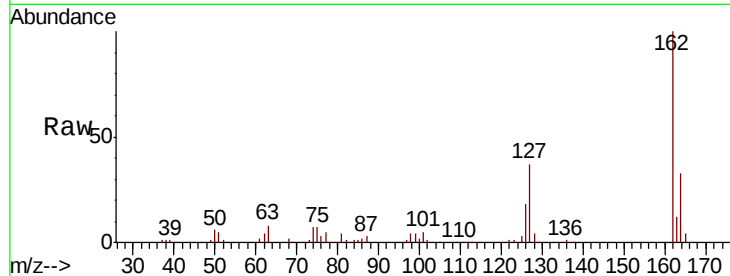




#47
2-Chloronaphthalene
Concen: 38.203 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Instrument :
BNA_E
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	27.8	41.8
164	33.1	26.9	40.3

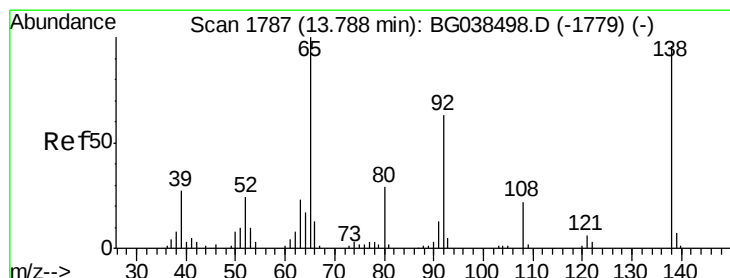
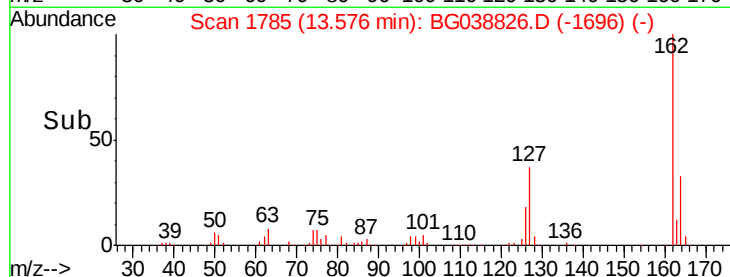
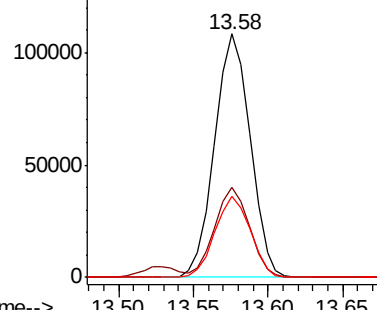


Abundance

Ion 162.00 (161.70 to 162.70): E

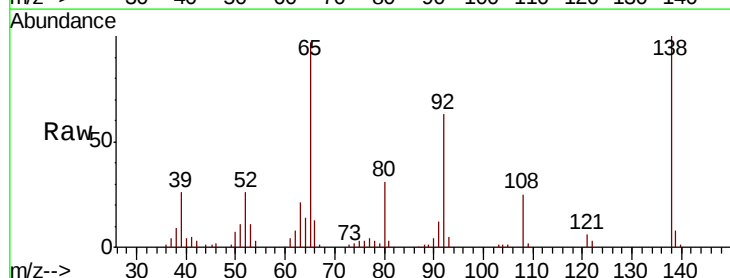
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 36.934 ng
RT: 13.79 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	50.0	75.0
138	103.6	76.9	115.3

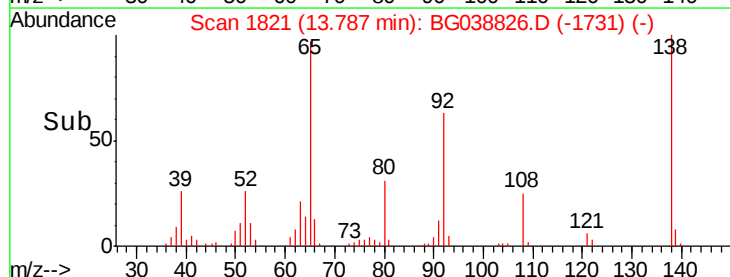
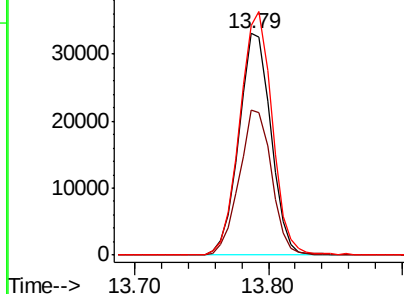


Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.044 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

Instrument :

BNA_E

ClientSampleId :

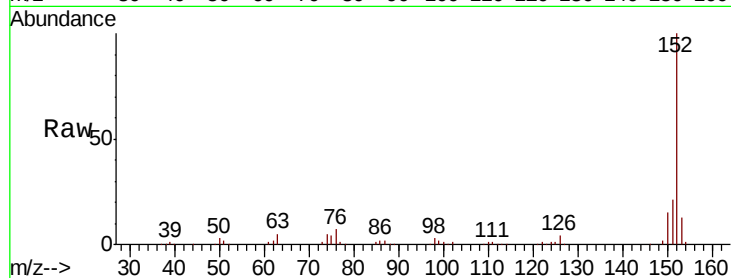
Tot Ion:152 Resp: 273441

Ion Ratio Lower Upper

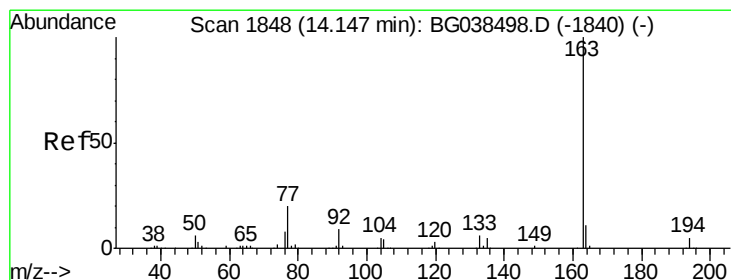
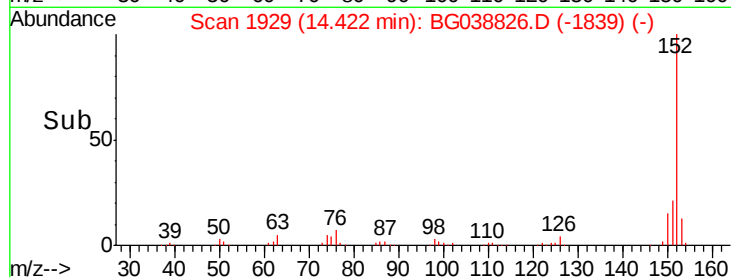
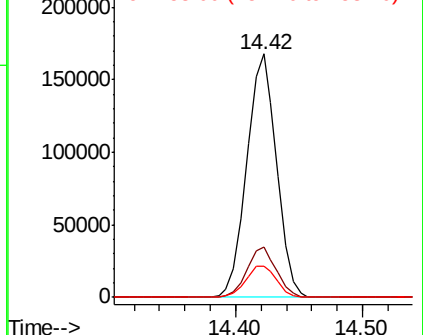
152 100

151 20.5 16.4 24.6

153 12.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.140 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

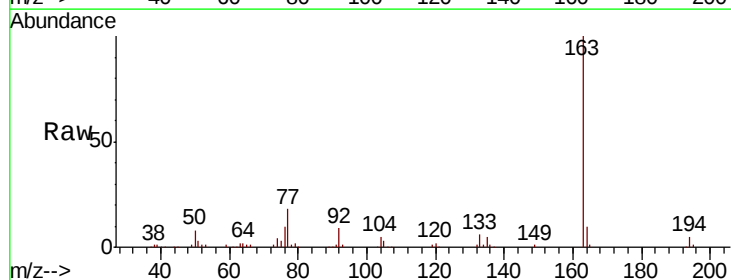
Tgt Ion:163 Resp: 237142

Ion Ratio Lower Upper

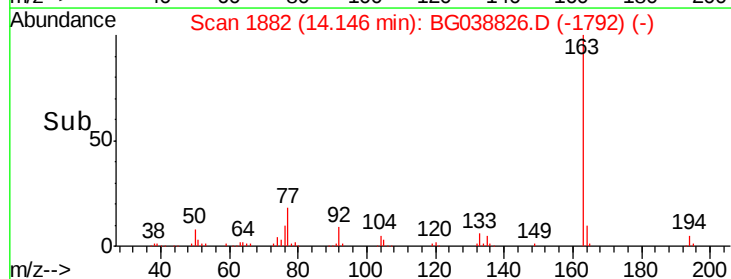
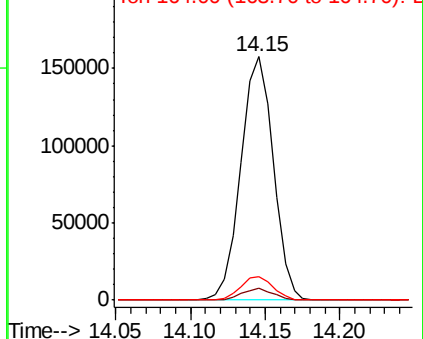
163 100

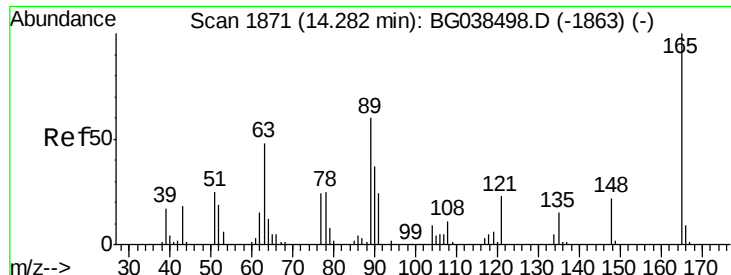
194 4.7 3.7 5.5

164 9.8 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

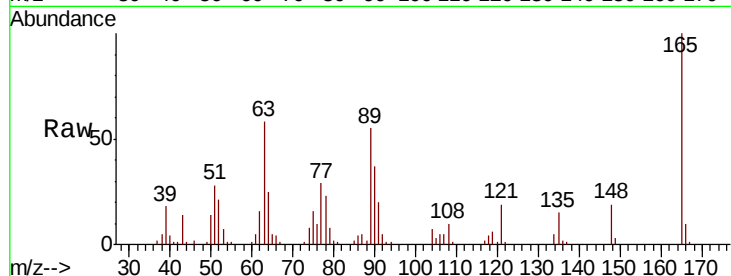




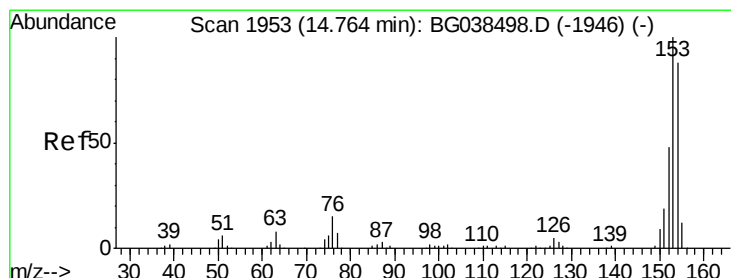
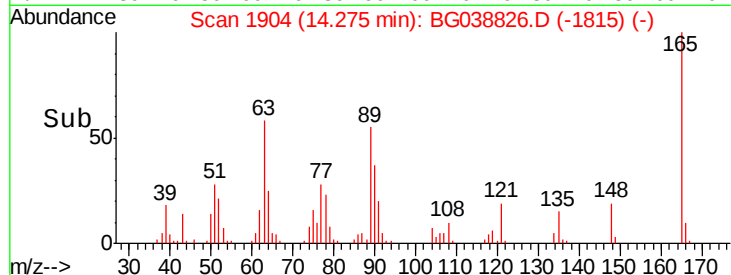
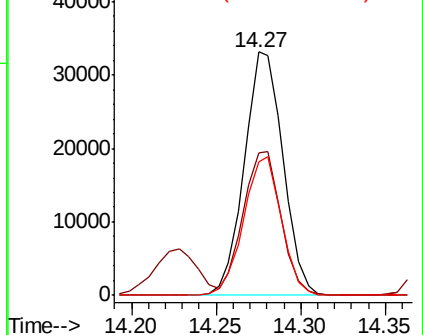
#51
2,6-Dinitrotoluene
Concen: 39.406 ng
RT: 14.27 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Instrument :
BNA_E
ClientSampled :

Tot Ion:165 Resp: 52757
Ion Ratio Lower Upper
165 100
63 58.3 51.8 77.6
89 55.0 47.9 71.9

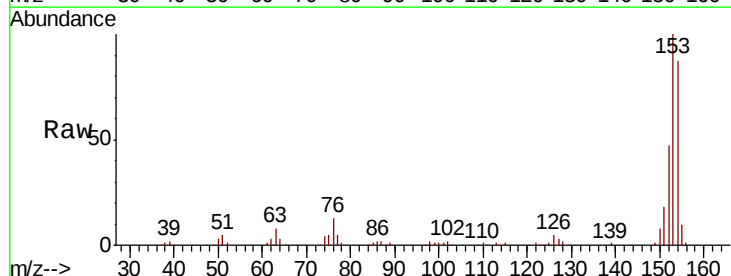


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

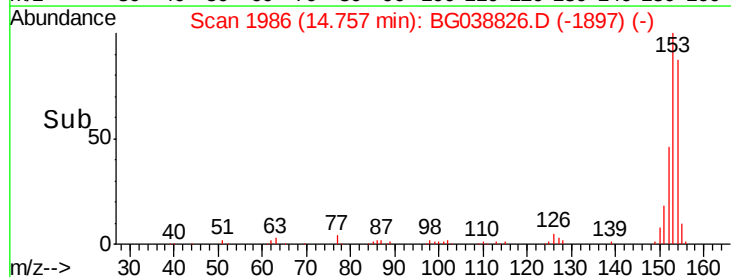
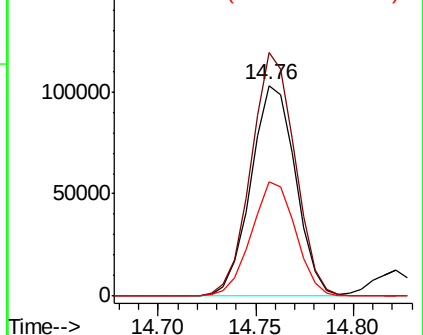


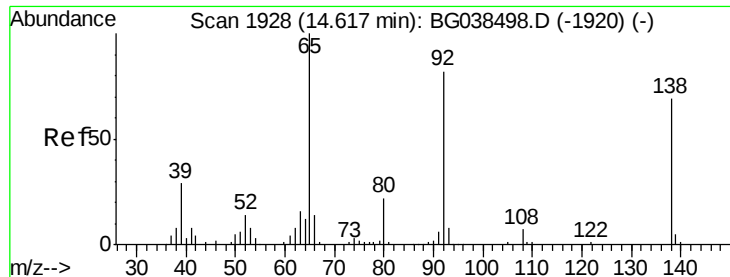
#52
Acenaphthene
Concen: 38.975 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion:154 Resp: 163221
Ion Ratio Lower Upper
154 100
153 115.5 90.6 136.0
152 54.4 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

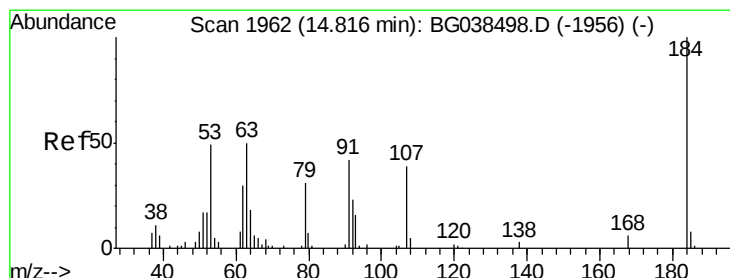
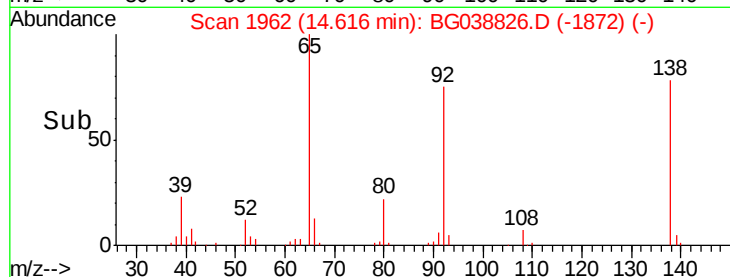
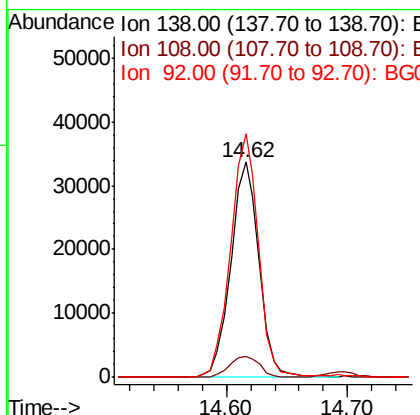
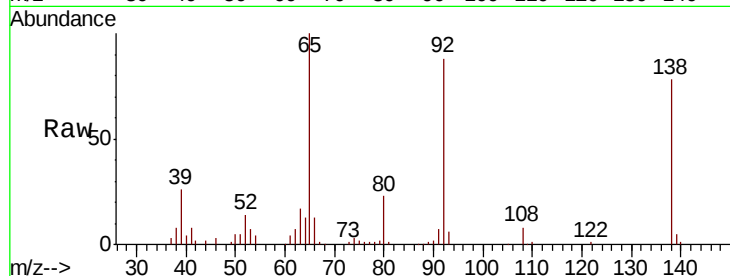




#53
3-Nitroaniline
Concen: 40.049 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

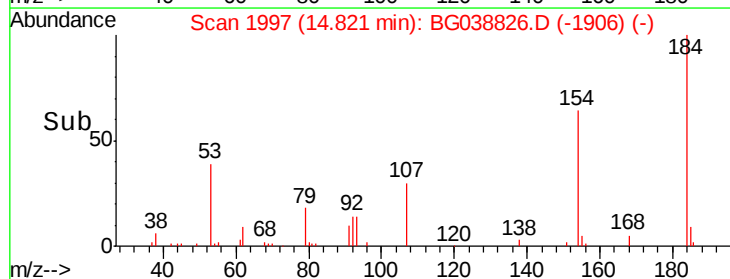
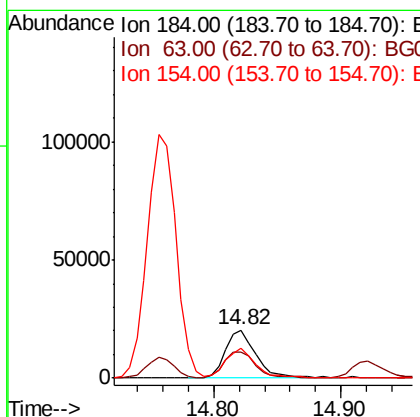
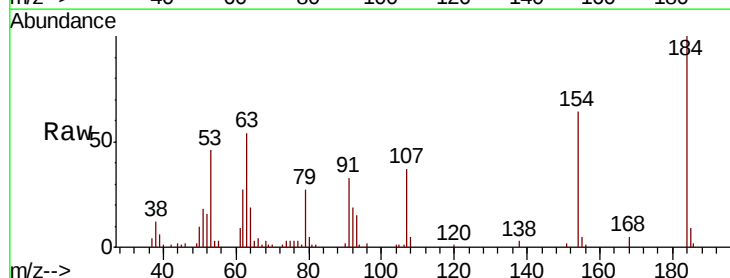
Instrument :
BNA_E
ClientSampleId :

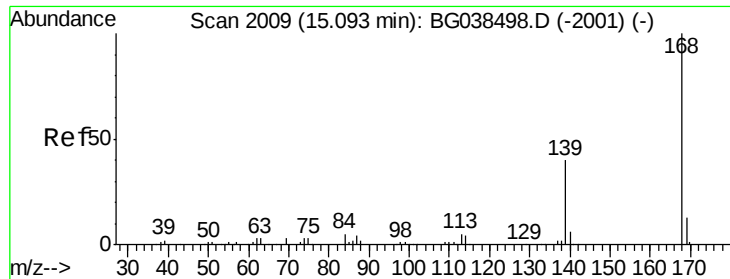
Tot Ion:138 Resp: 54658
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 113.0 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 44.827 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion:184 Resp: 33769
Ion Ratio Lower Upper
184 100
63 53.9 47.0 70.6
154 63.7 50.3 75.5

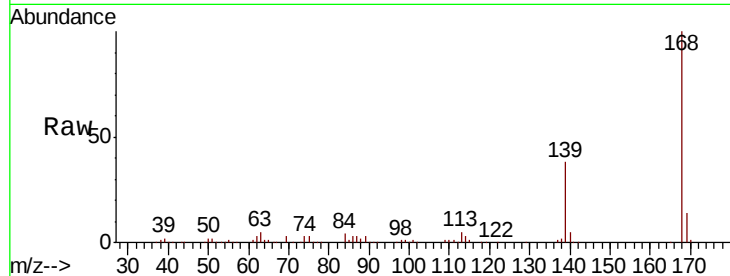




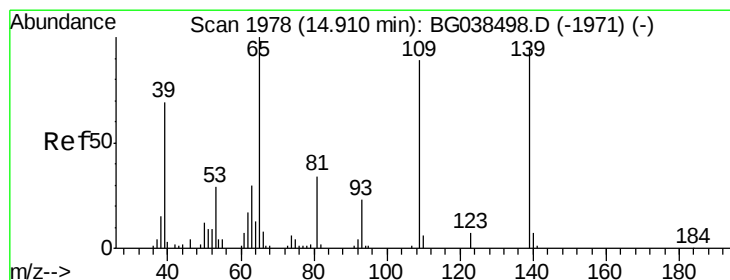
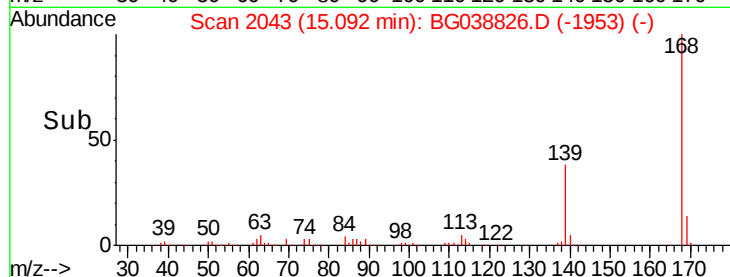
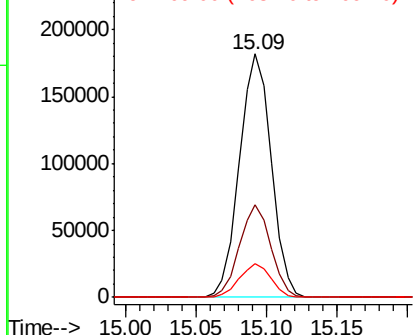
#55
Dibenzenofuran
Concen: 39.911 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Instrument :
BNA_E
ClientSampled :

Tot Ion:168 Resp: 286502
Ion Ratio Lower Upper
168 100
139 37.9 32.2 48.2
169 13.7 10.6 16.0

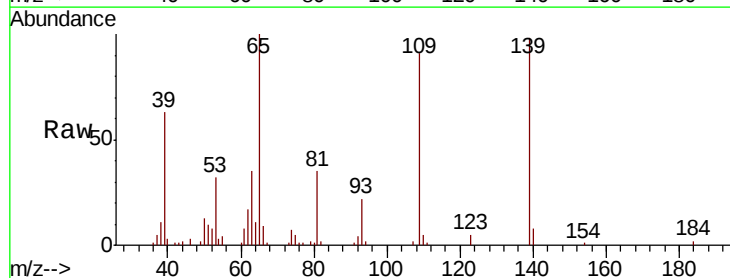


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

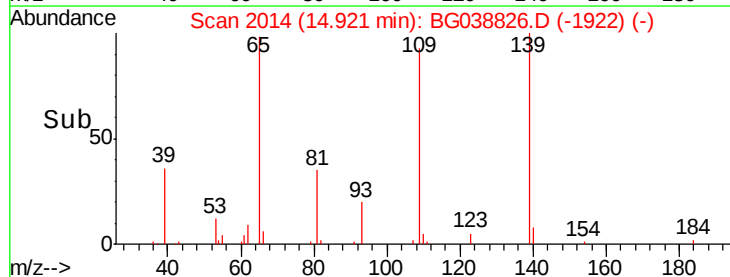
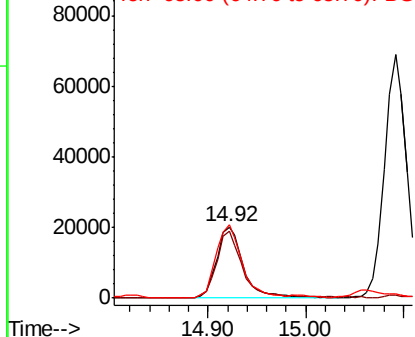


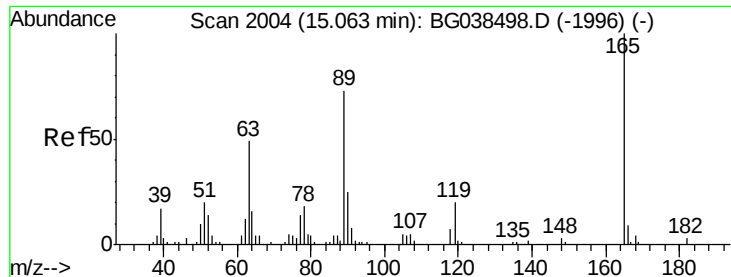
#56
4-Nitrophenol
Concen: 37.522 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion:139 Resp: 38848
Ion Ratio Lower Upper
139 100
109 93.2 73.6 113.6
65 102.1 84.8 124.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG

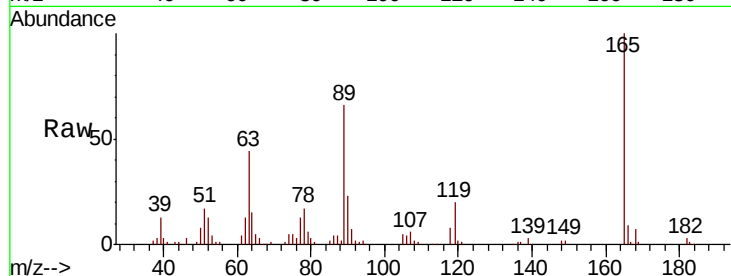




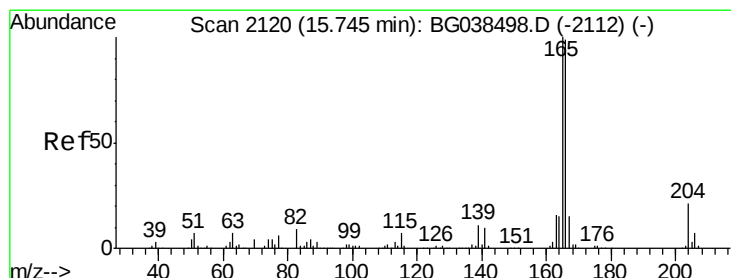
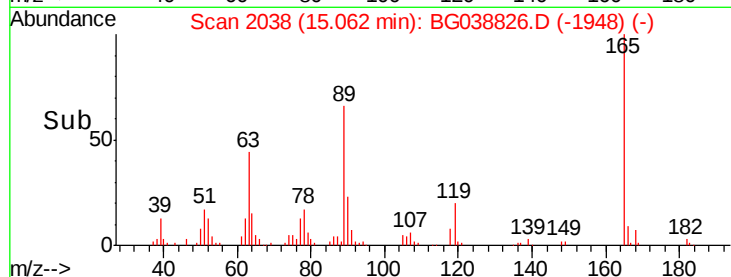
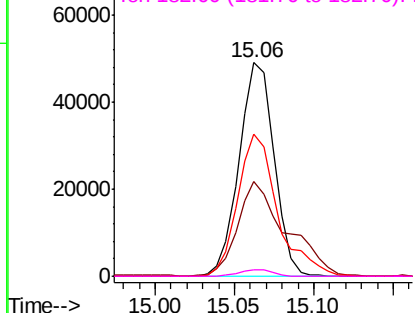
#57
2,4-Dinitrotoluene
Concen: 39.889 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Instrument :
BNA_E
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.3	39.0	58.4
89	66.3	58.0	87.0
182	3.2	2.3	3.5

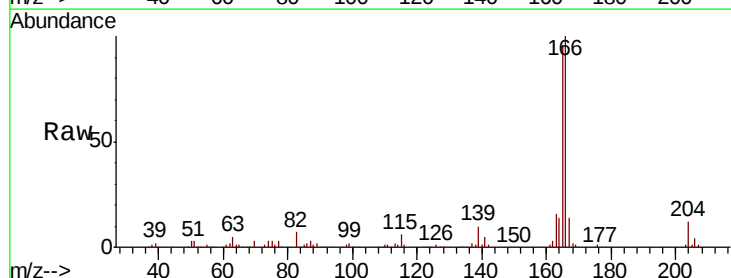


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

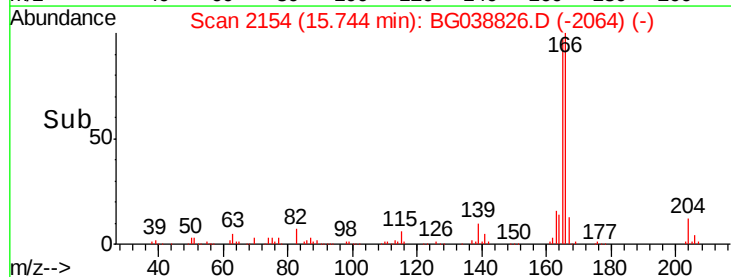
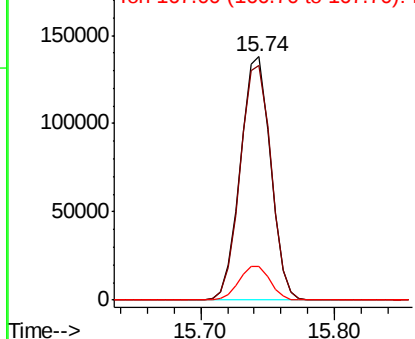


#58
Fluorene
Concen: 40.510 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	80.6	120.8
167	13.6	12.0	18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

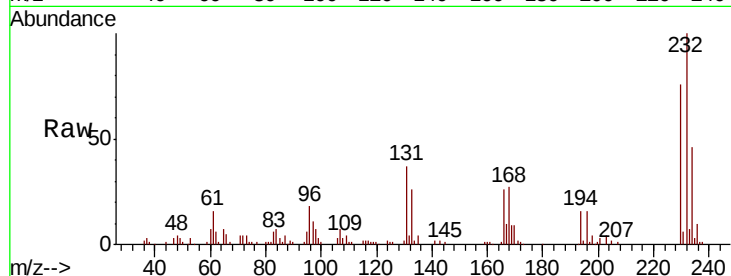




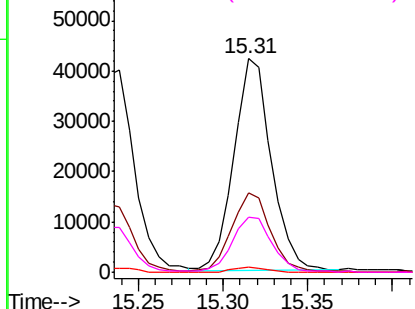
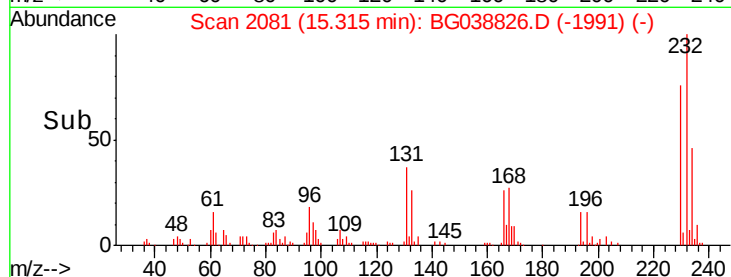
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.732 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:232	Resp: 64513
Ion Ratio	Lower Upper
232 100	
131 40.0	33.0 49.4
130 2.2	2.0 3.0
166 28.3	23.1 34.7

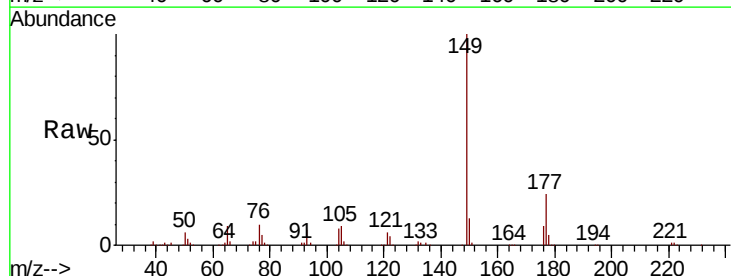


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

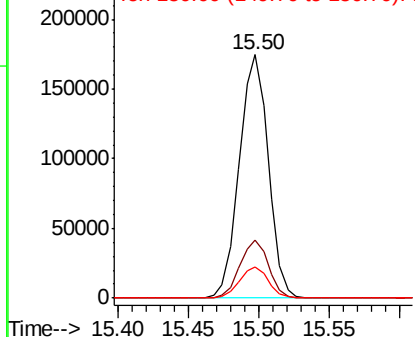
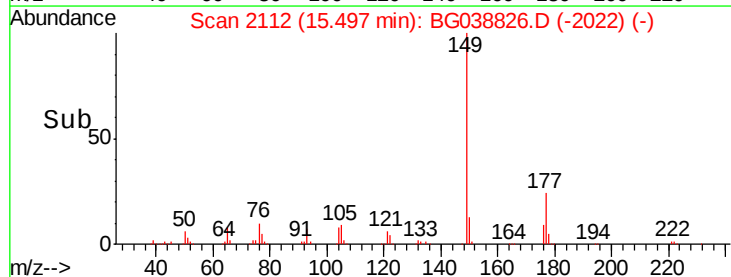


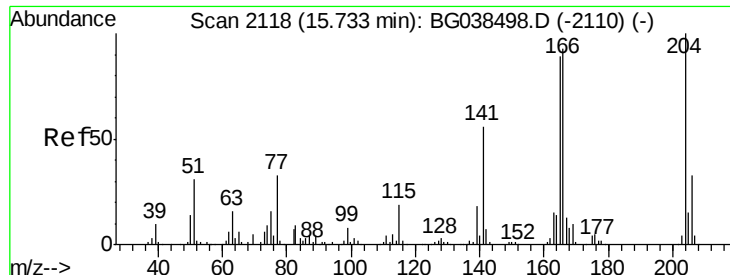
#60
 Diethylphthalate
 Concen: 38.518 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Tgt Ion:149	Resp: 249810
Ion Ratio	Lower Upper
149 100	
177 23.9	17.7 26.5
150 12.9	9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

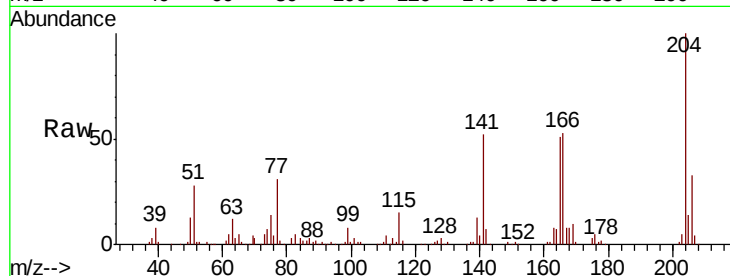




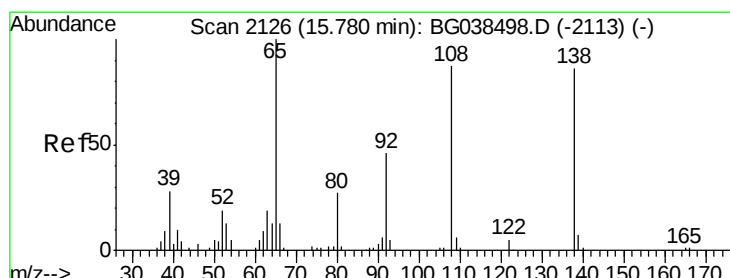
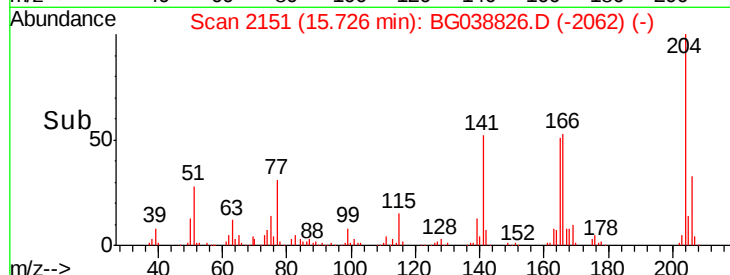
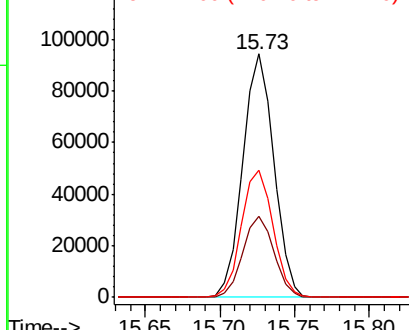
#61
 4-Chlorophenyl-phenylether
 Concen: 40.858 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:204 Resp: 135581
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.0 39.0
 141 52.1 44.4 66.6

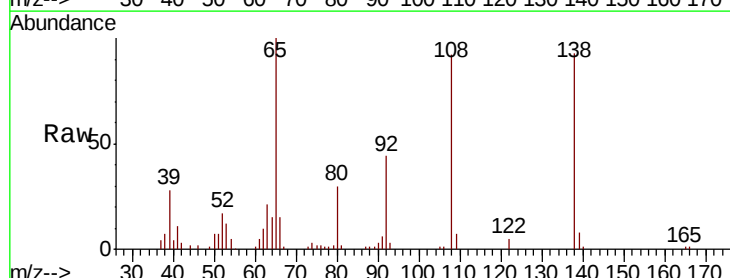


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

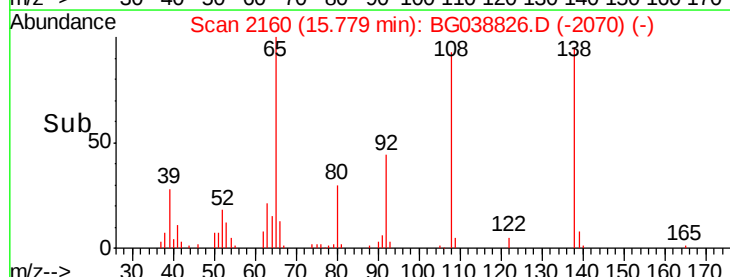
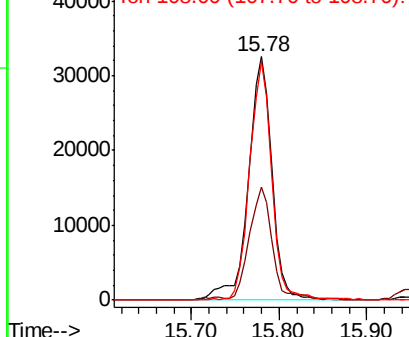


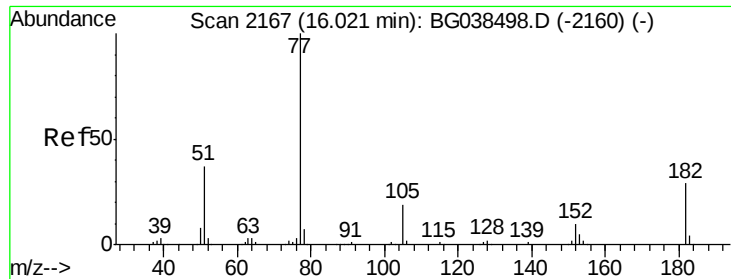
#62
 4-Nitroaniline
 Concen: 41.865 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Tgt Ion:138 Resp: 58822
 Ion Ratio Lower Upper
 138 100
 92 46.6 33.3 73.3
 108 98.1 81.4 121.4



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 36.709 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 77 Resp: 198888

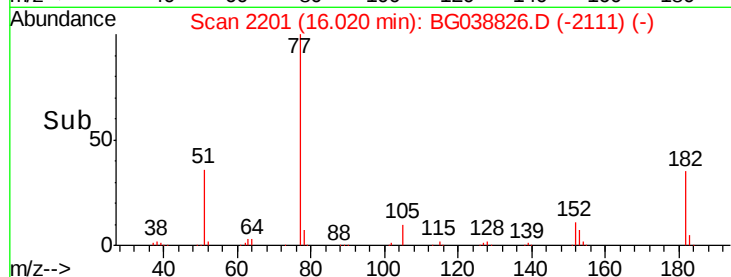
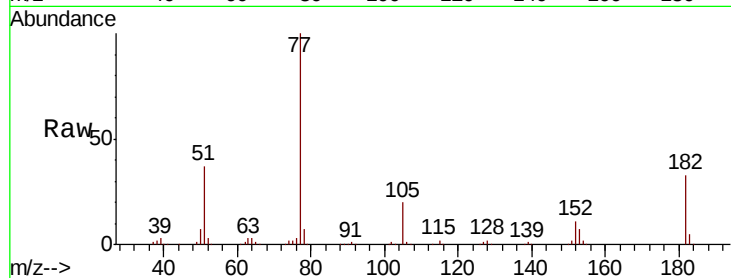
Ion Ratio Lower Upper

77 100

182 33.5 8.7 48.7

105 20.0 0.0 38.7

51 37.1 16.6 56.6

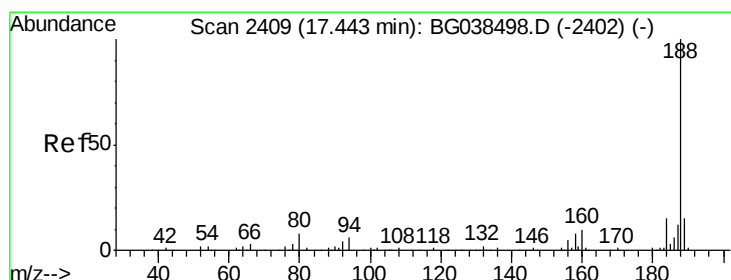
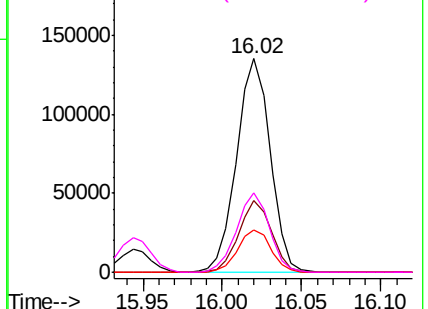


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

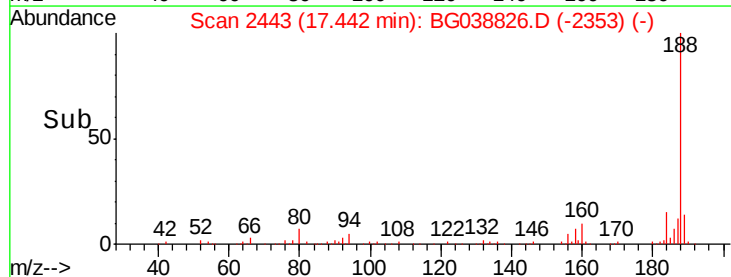
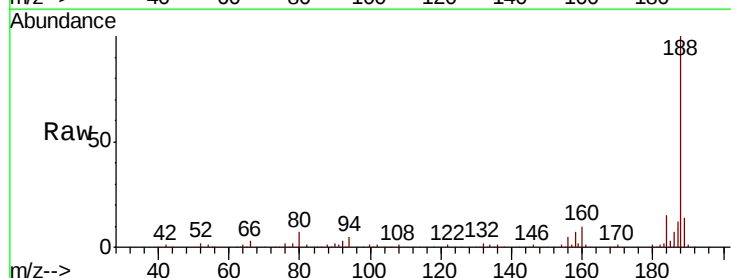
Tgt Ion: 188 Resp: 179852

Ion Ratio Lower Upper

188 100

94 5.5 5.1 7.7

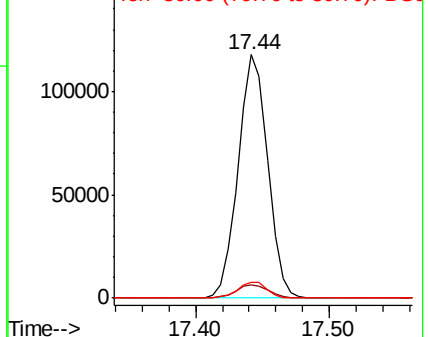
80 6.7 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 41.595 ng

RT: 15.83 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

Instrument :

BNA_E

ClientSampled :

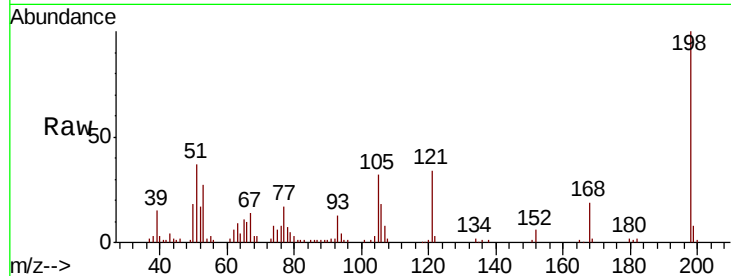
Tot Ion:198 Resp: 53365

Ion Ratio Lower Upper

198 100

51 36.6 28.6 68.6

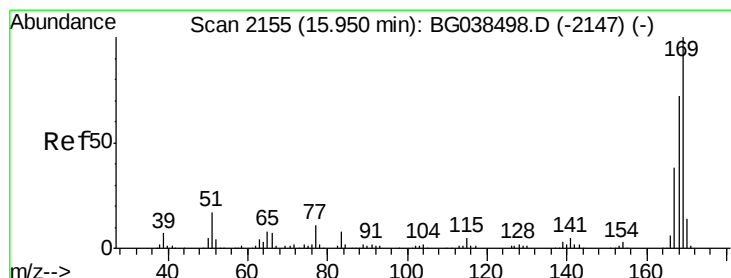
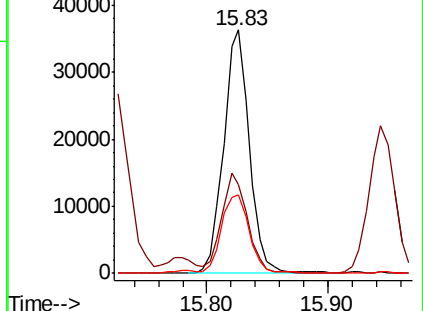
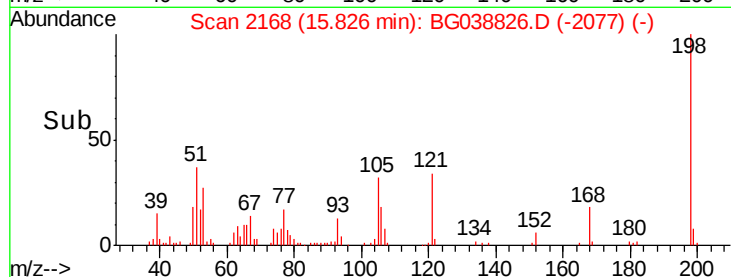
105 32.4 20.4 60.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038826.D (-2077) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.584 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

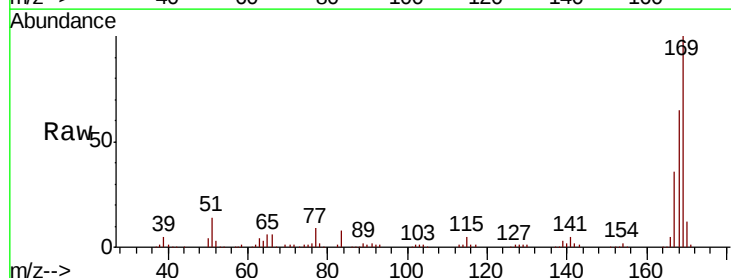
Tgt Ion:169 Resp: 214466

Ion Ratio Lower Upper

169 100

168 64.9 57.5 86.3

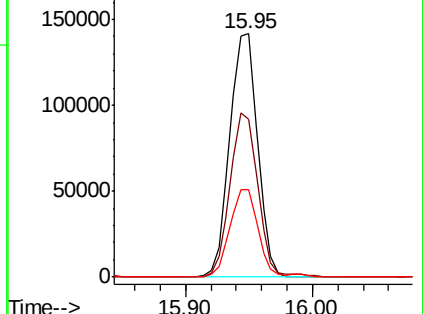
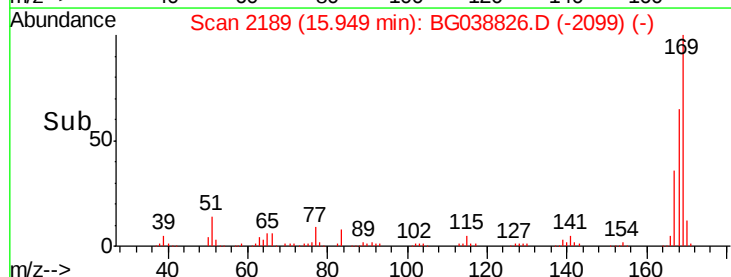
167 35.9 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

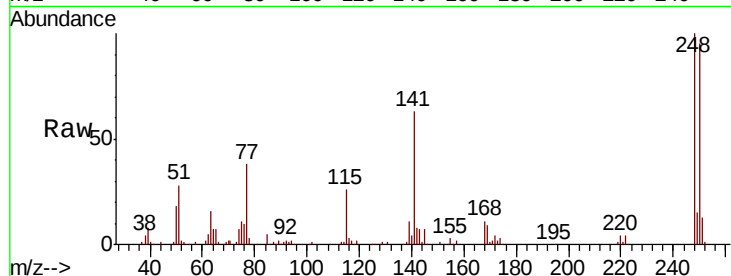




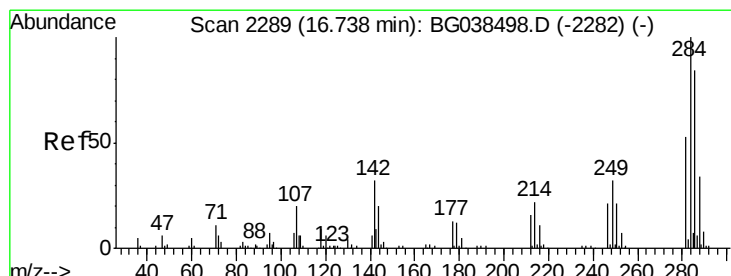
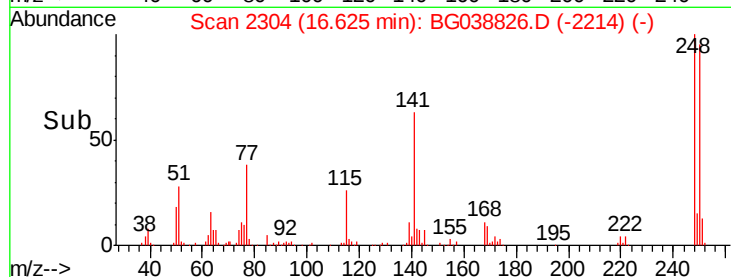
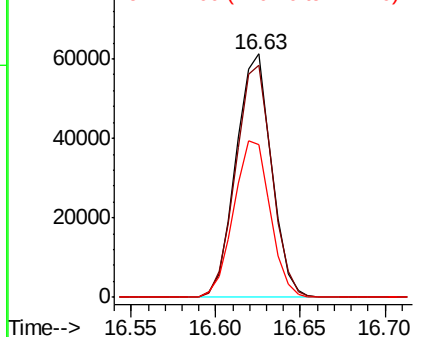
#67
 4-Bromophenyl-phenylether
 Concen: 40.868 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:248 Resp: 89768
 Ion Ratio Lower Upper
 248 100
 250 95.4 73.4 110.2
 141 62.9 52.9 79.3

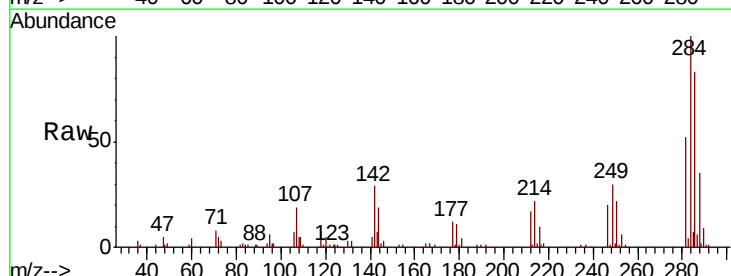


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

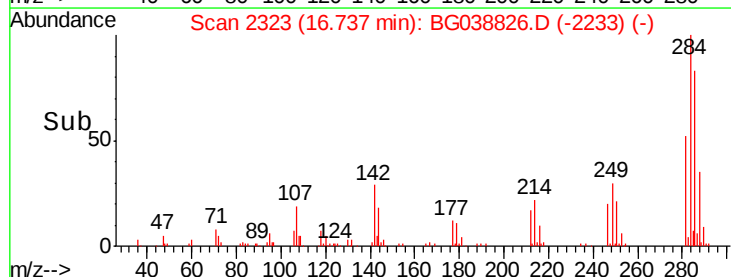
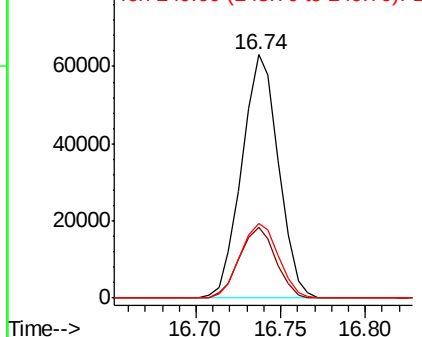


#68
 Hexachlorobenzene
 Concen: 42.057 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Tgt Ion:284 Resp: 95760
 Ion Ratio Lower Upper
 284 100
 142 29.0 25.8 38.6
 249 32.5 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.354 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

Instrument :

BNA_E

ClientSampleId :

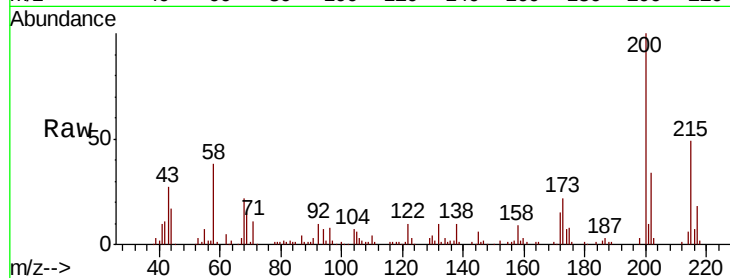
Tot Ion:200 Resp: 77178

Ion Ratio Lower Upper

200 100

173 22.3 5.9 45.9

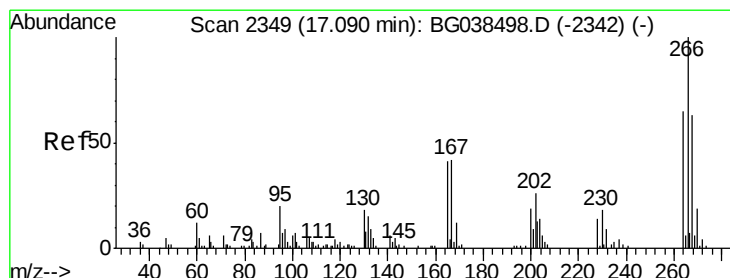
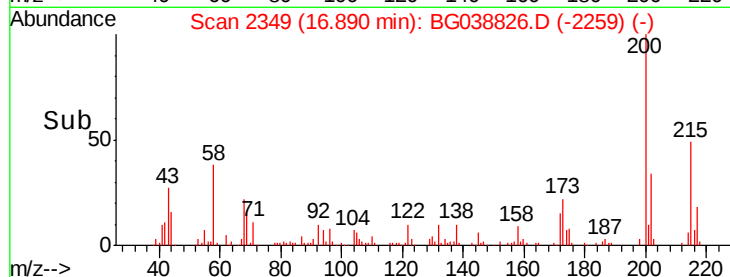
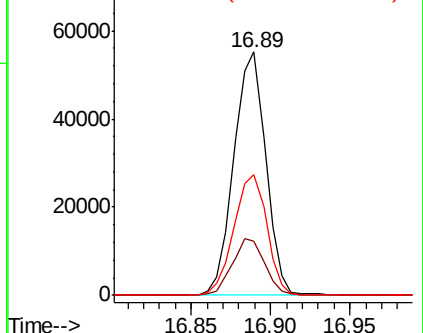
215 49.4 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 41.180 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

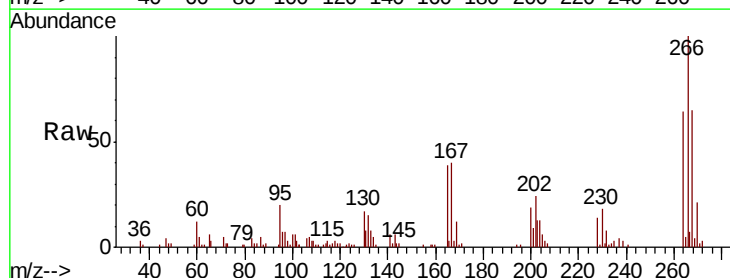
Tgt Ion:266 Resp: 55460

Ion Ratio Lower Upper

266 100

268 69.8 55.0 82.6

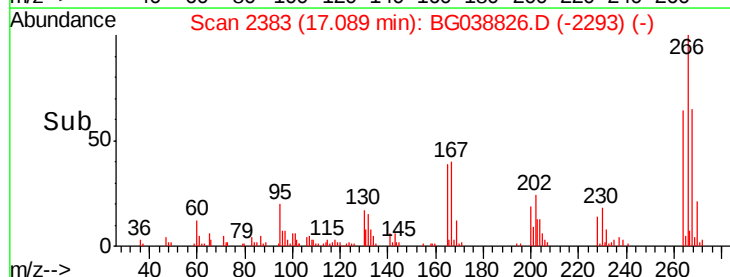
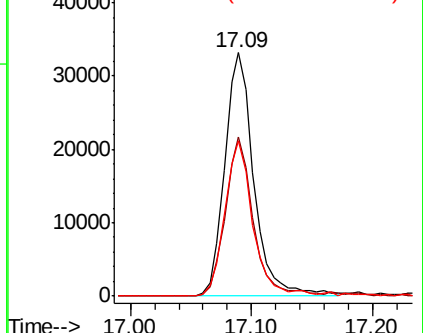
264 63.6 56.7 85.1

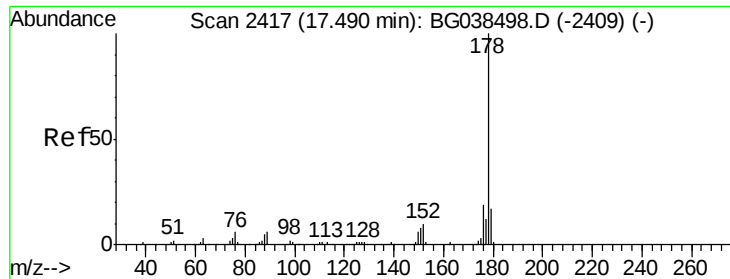


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

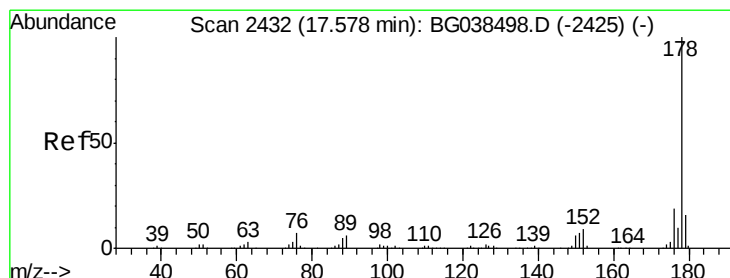
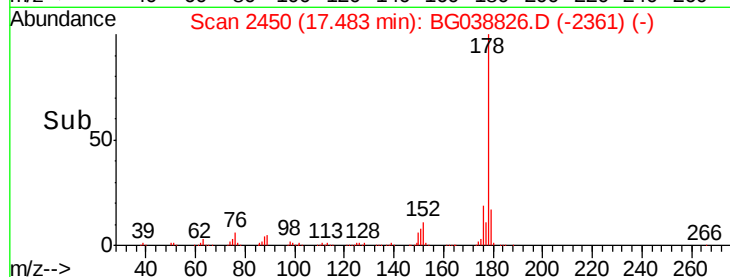
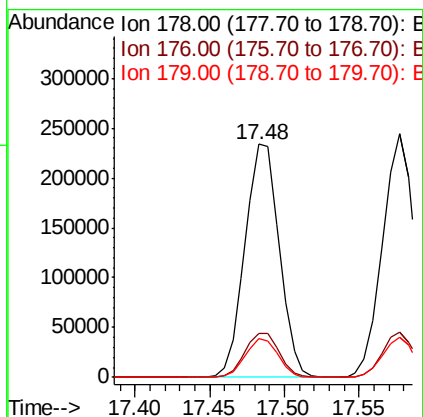
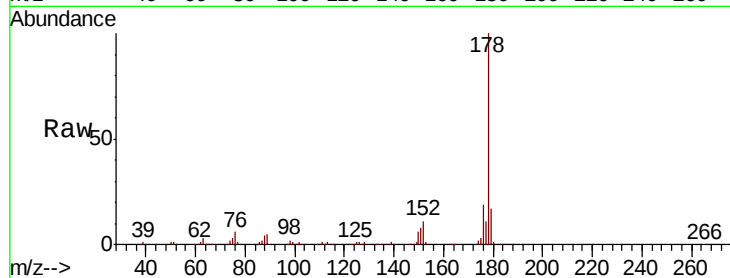




#71
Phenanthrene
Concen: 39.916 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

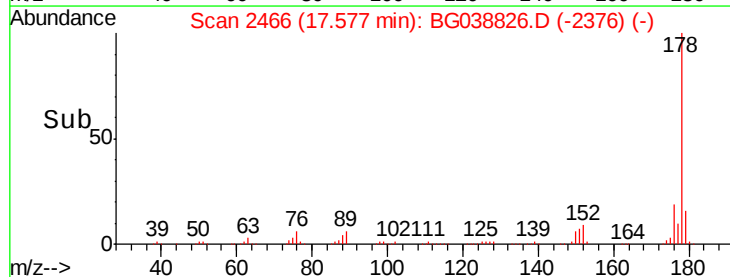
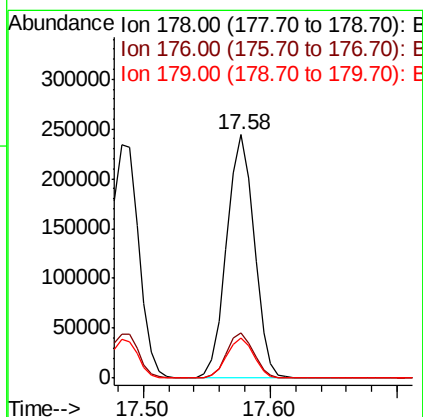
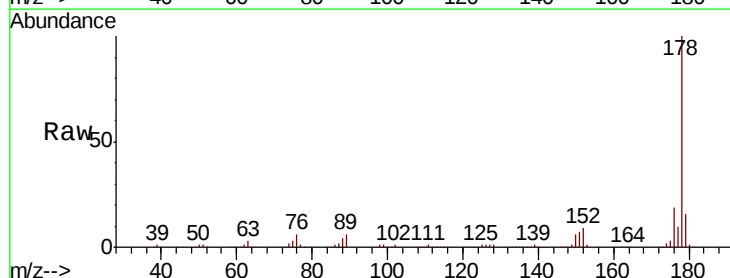
Instrument :
BNA_E
ClientSampleId :

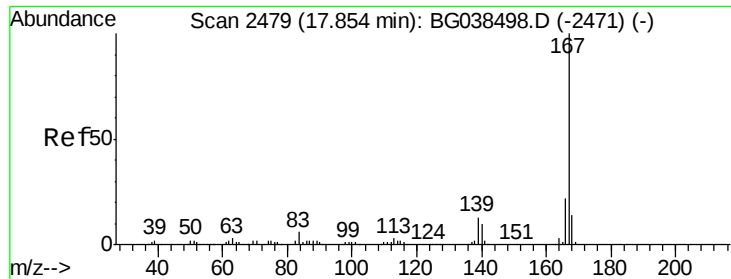
Tot Ion:178 Resp: 372280
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 16.8 13.2 19.8



#72
Anthracene
Concen: 40.032 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion:178 Resp: 368585
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 16.5 12.9 19.3

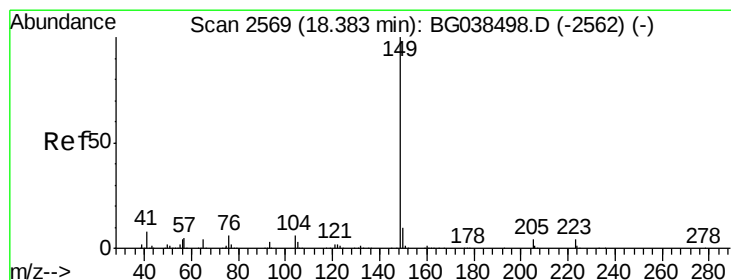
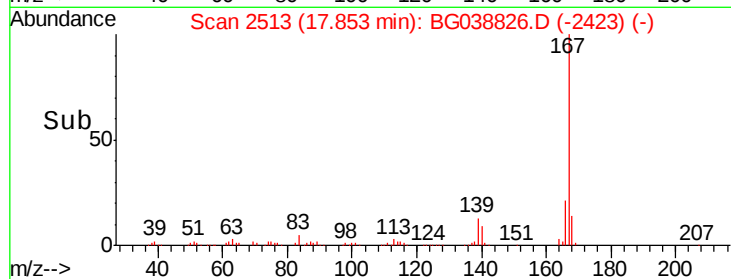
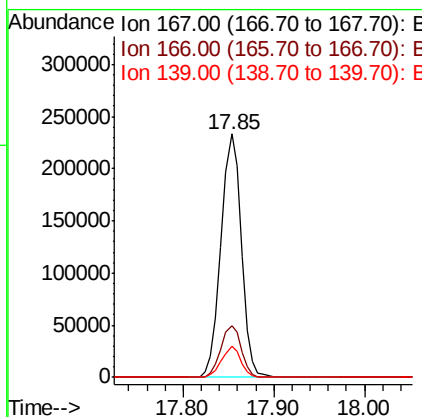
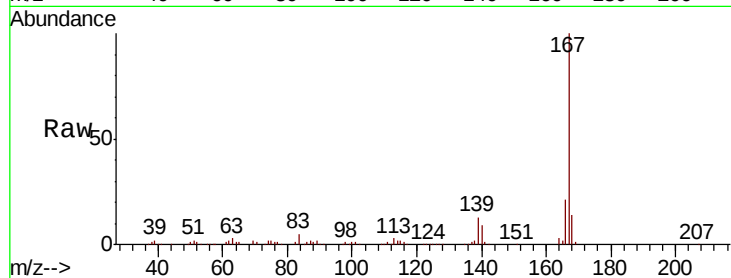




#73
 Carbazole
 Concen: 39.880 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

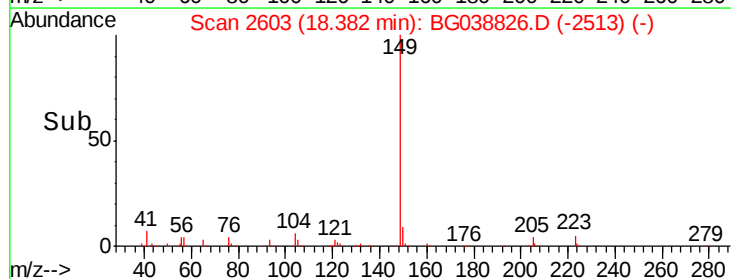
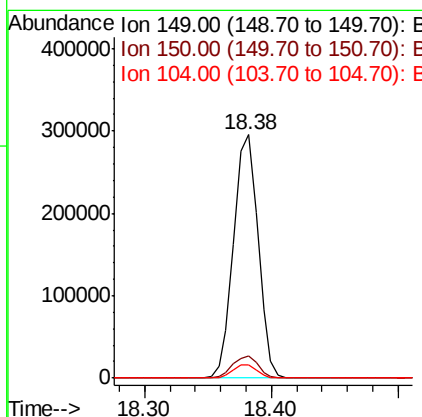
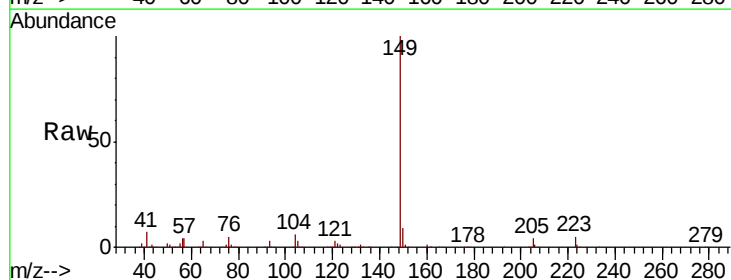
Instrument :
 BNA_E
 ClientSampleId :

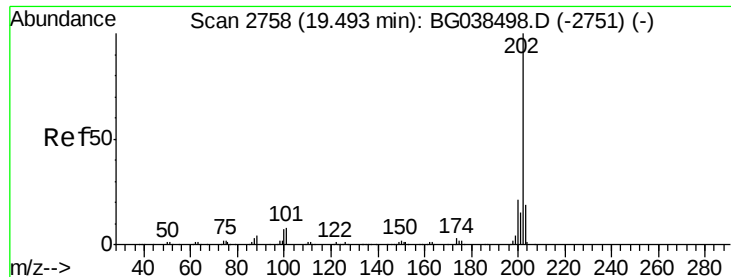
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.9	26.9
139	12.7	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 37.804 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	5.5	5.0	7.4





#75

Fluoranthene

Concen: 39.034 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

Instrument :

BNA_E

ClientSampleId :

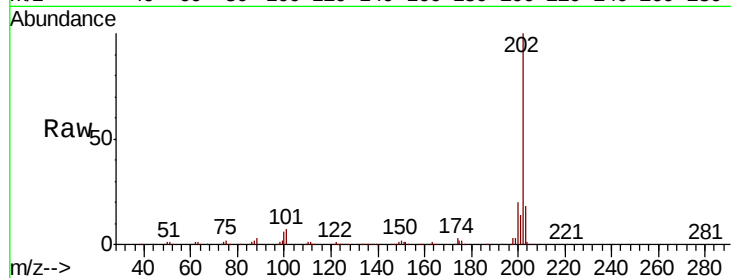
Tot Ion:202 Resp: 450434

Ion Ratio Lower Upper

202 100

101 6.6 0.0 28.1

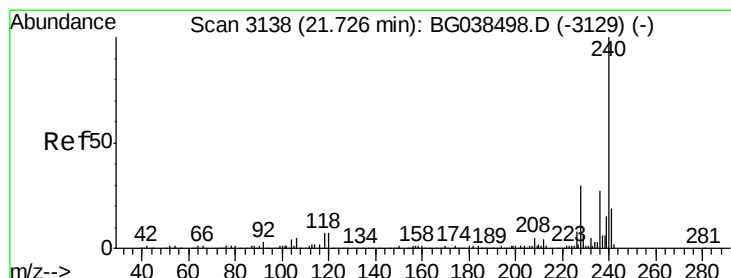
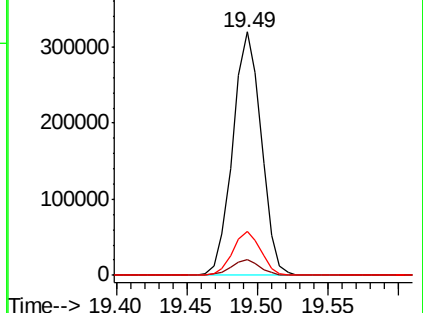
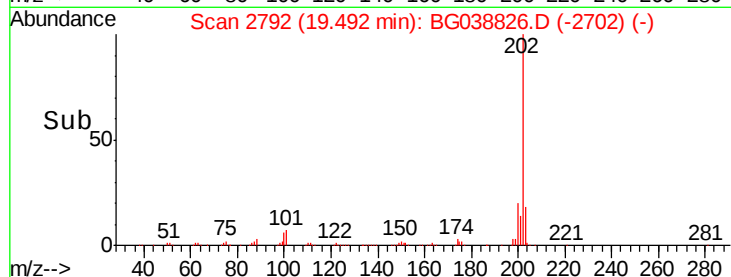
203 18.2 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

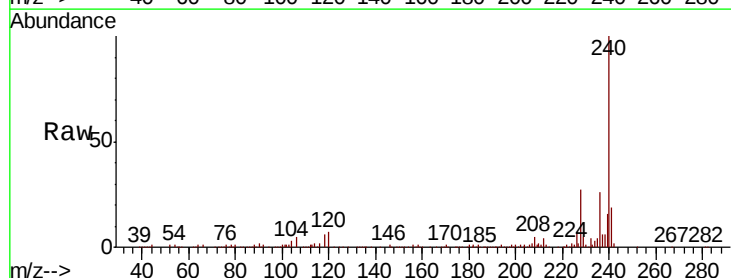
Tgt Ion:240 Resp: 180551

Ion Ratio Lower Upper

240 100

120 6.6 5.3 7.9

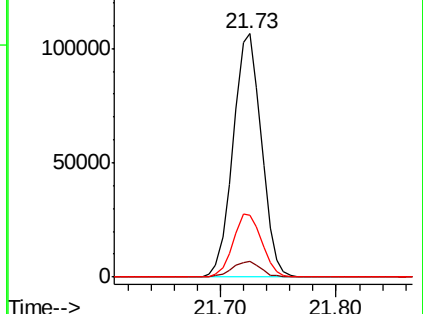
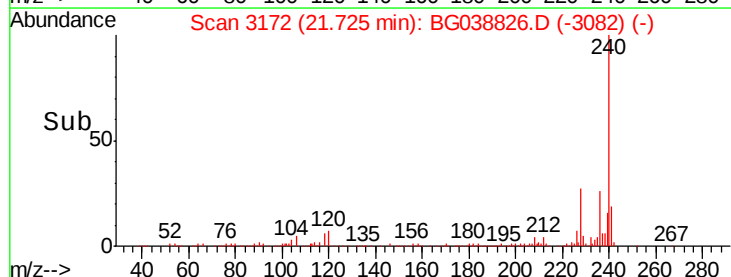
236 25.5 21.4 32.2

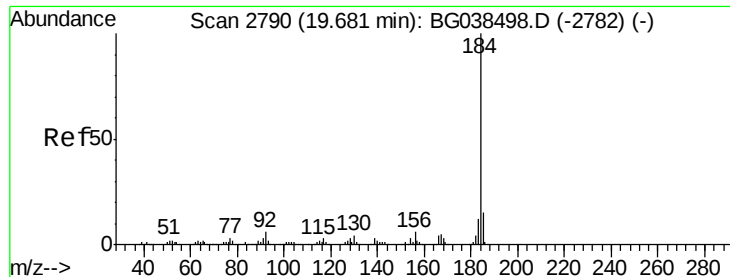


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.425 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

Instrument :

BNA_E

ClientSampleId :

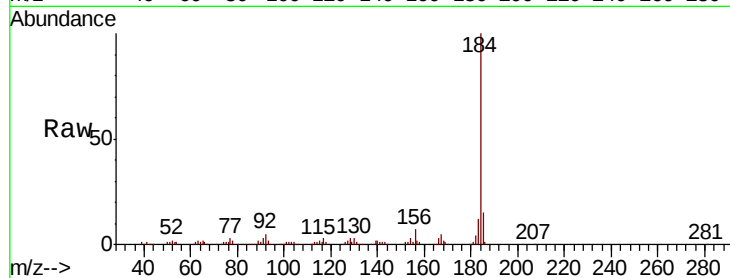
Tot Ion:184 Resp: 194497

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

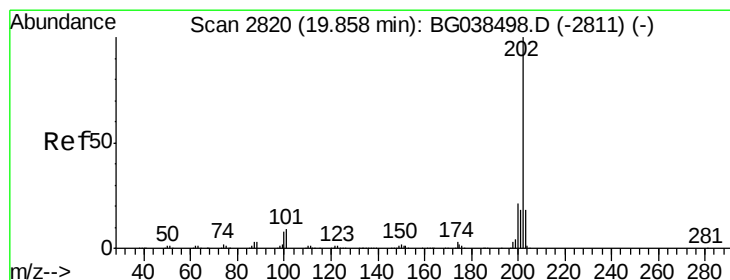
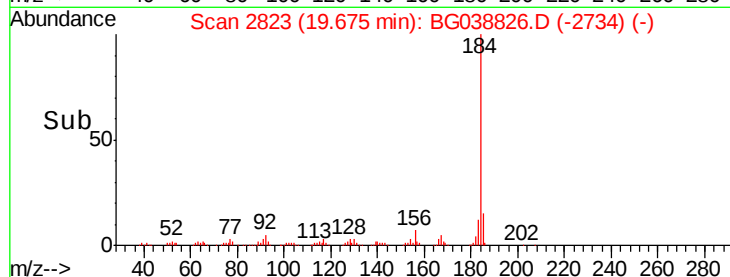
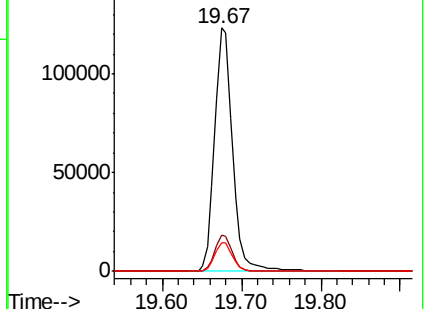
183 11.7 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.966 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

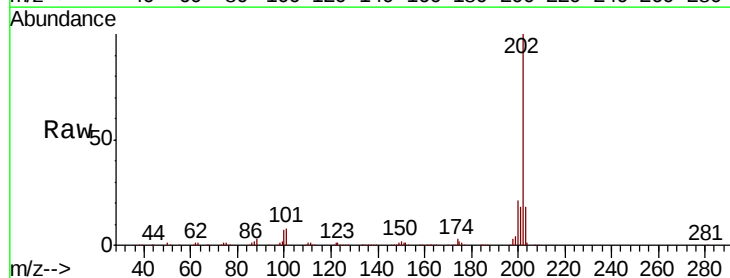
Tgt Ion:202 Resp: 452846

Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

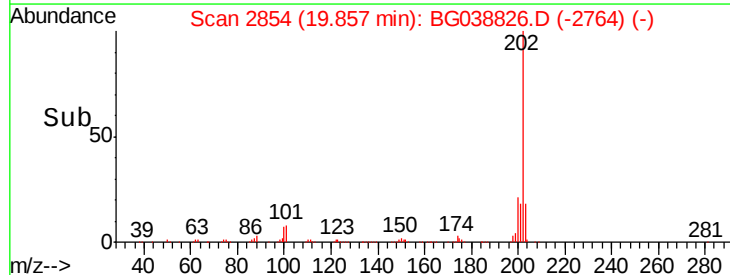
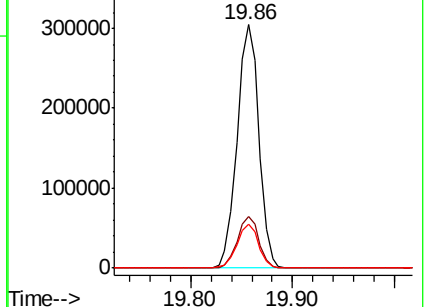
203 17.9 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.941 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

Instrument :

BNA_E

ClientSampleId :

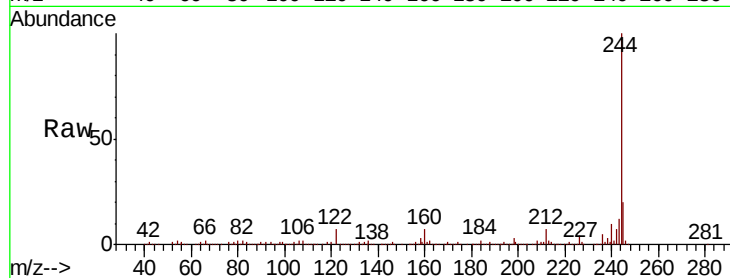
Tot Ion:244 Resp: 654907

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

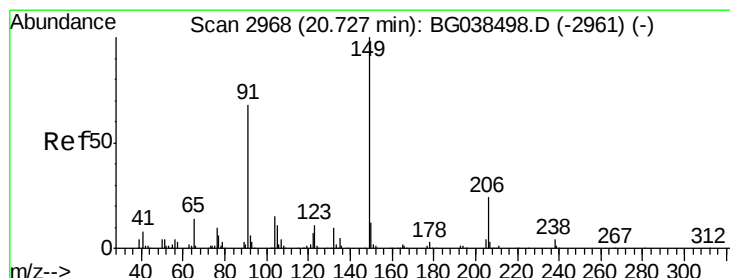
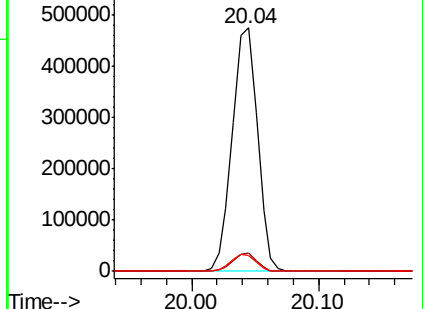
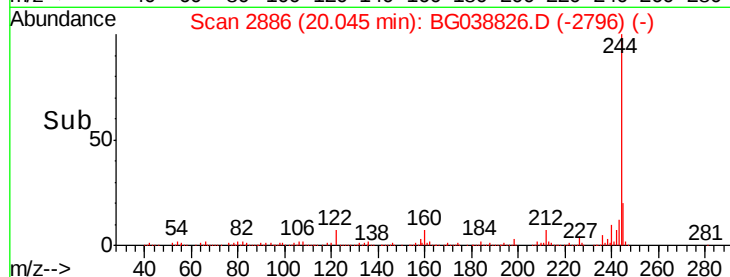
122 6.6 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.485 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

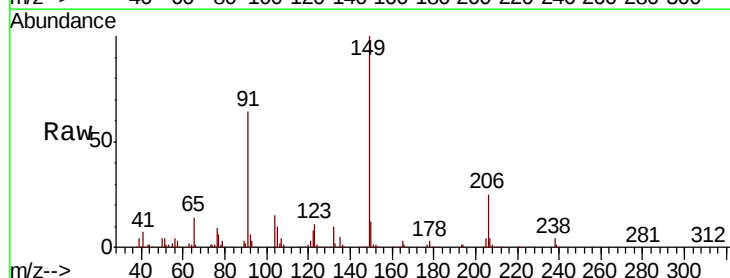
Tgt Ion:149 Resp: 174682

Ion Ratio Lower Upper

149 100

91 64.3 54.5 81.7

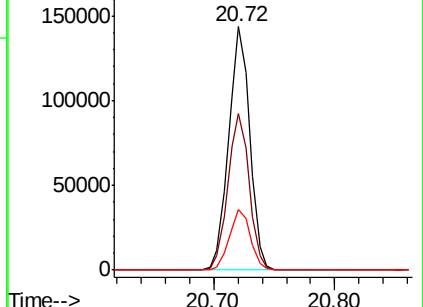
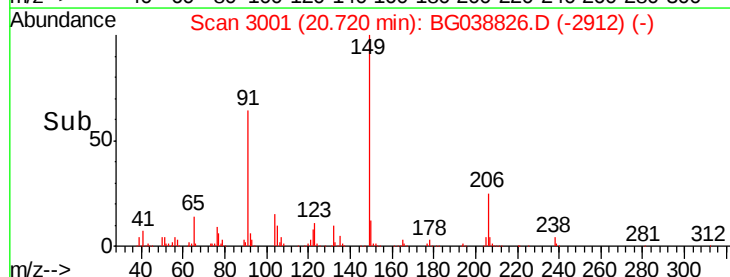
206 25.1 19.0 28.6

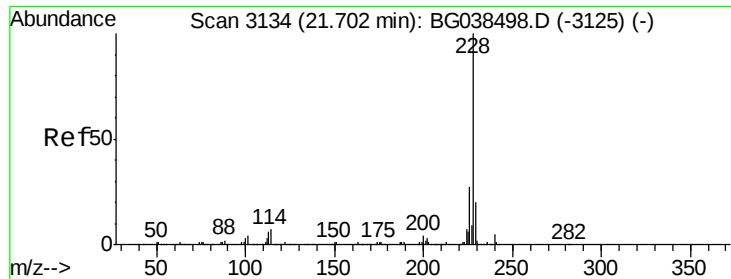


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.556 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

Instrument :

BNA_E

ClientSampleId :

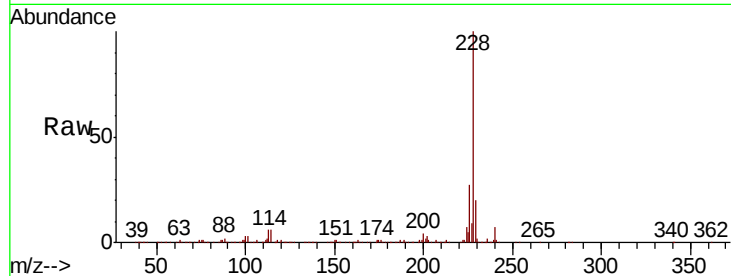
Tot Ion:228 Resp: 435191

Ion Ratio Lower Upper

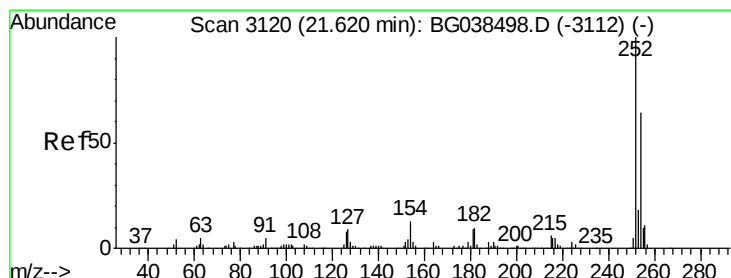
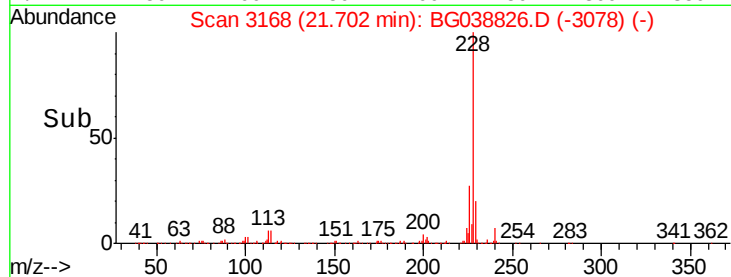
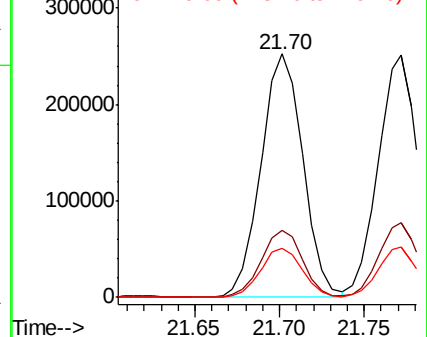
228 100

226 27.3 21.8 32.8

229 20.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.575 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

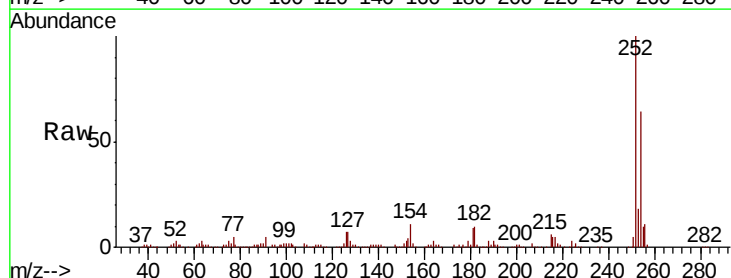
Tgt Ion:252 Resp: 177046

Ion Ratio Lower Upper

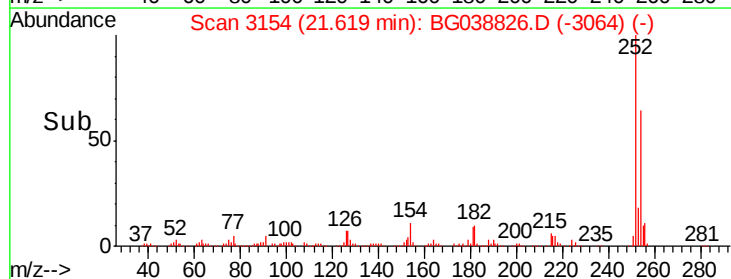
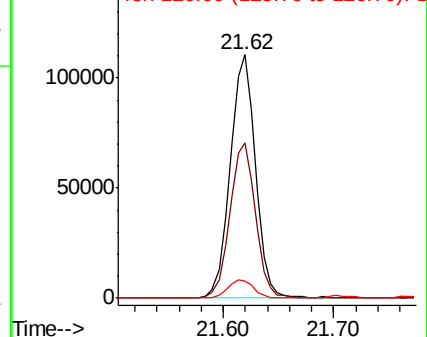
252 100

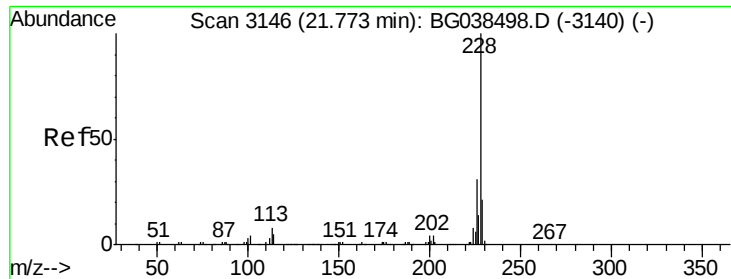
254 63.6 50.9 76.3

126 6.8 6.3 9.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

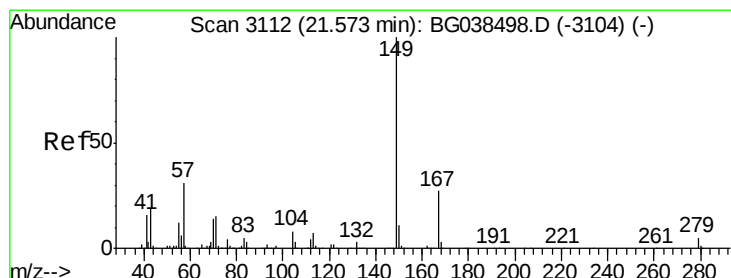
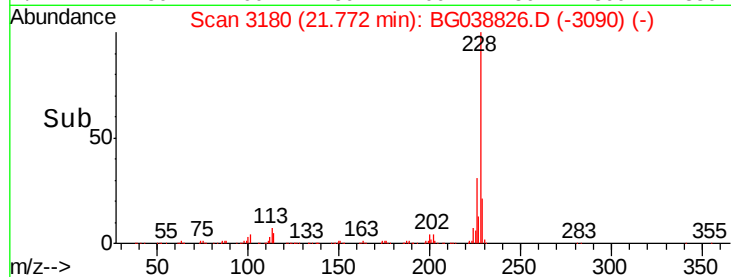
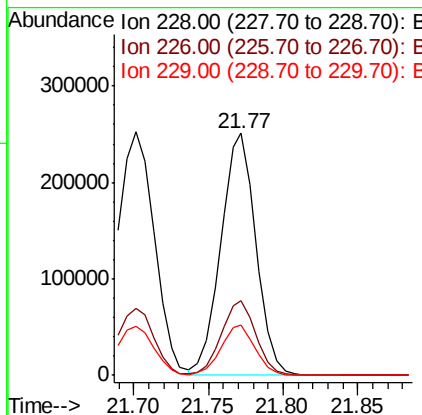
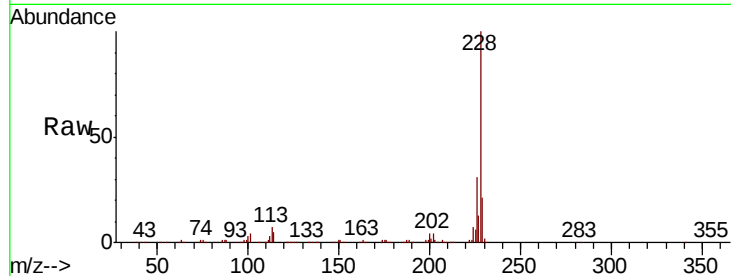




#83
 Chrysene
 Concen: 38.824 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

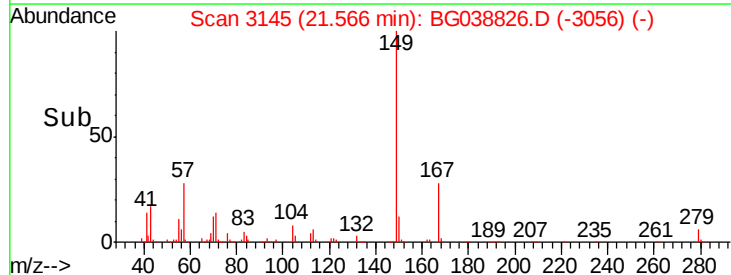
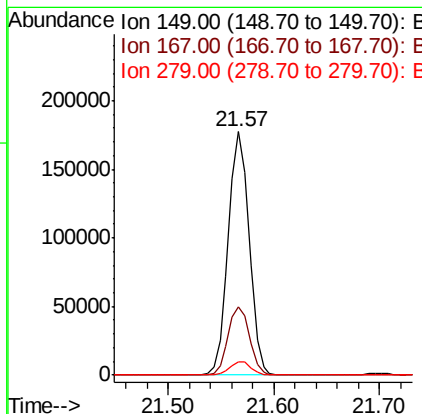
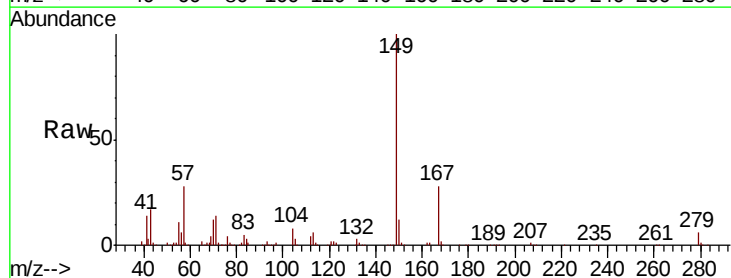
Instrument :
 BNA_E
 ClientSampleId :

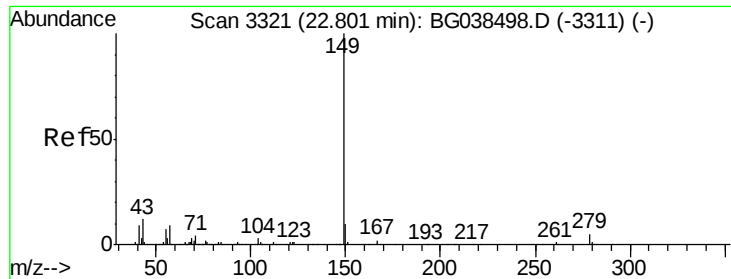
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.4
229	20.7	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.749 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG038826.D
 Acq: 26 Dec 2018 12:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.9	32.9
279	5.5	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 37.203 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038826.D

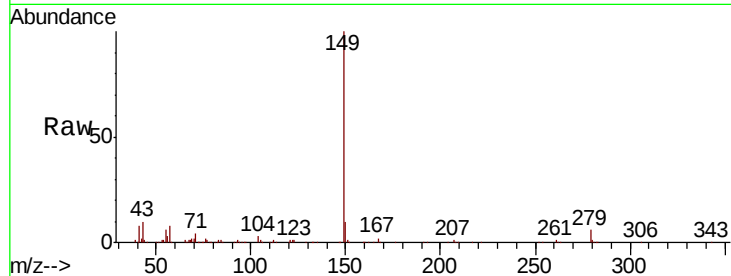
Acq: 26 Dec 2018 12:21

Instrument :

BNA_E

ClientSampleId :

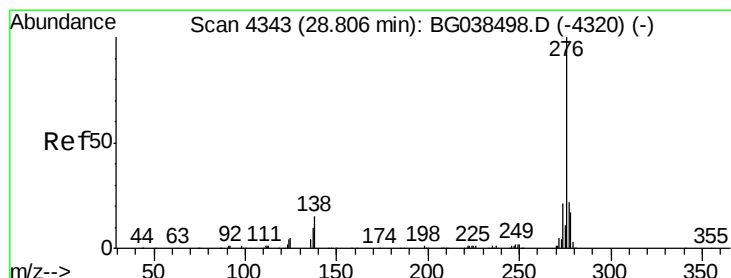
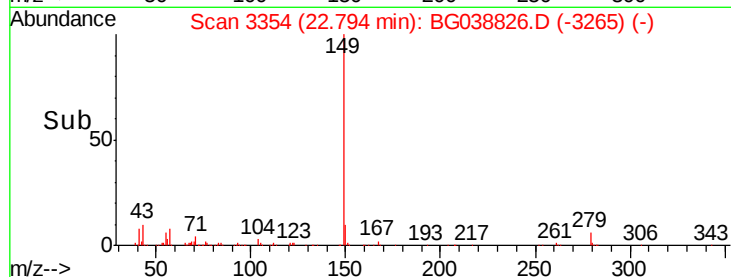
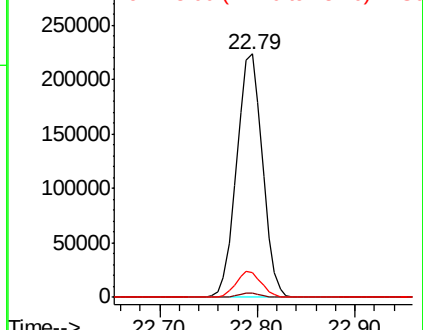
Tot Ion:149	Resp:	411790
Ion Ratio	Lower	Upper
149	100	
167	1.7	1.2 1.8
43	10.5	9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.858 ng

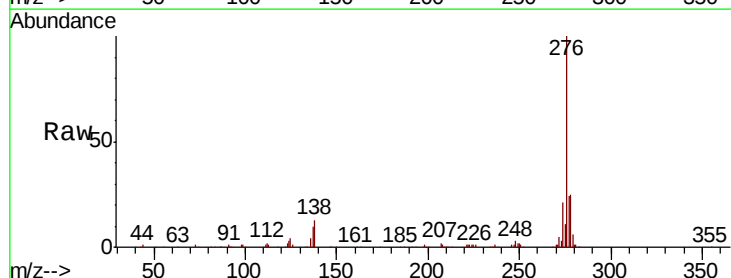
RT: 28.81 min Scan# 4378

Delta R.T. 0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

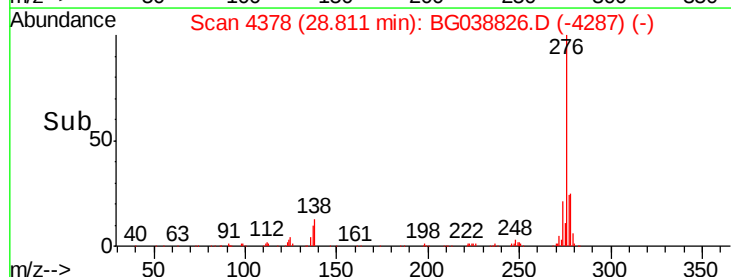
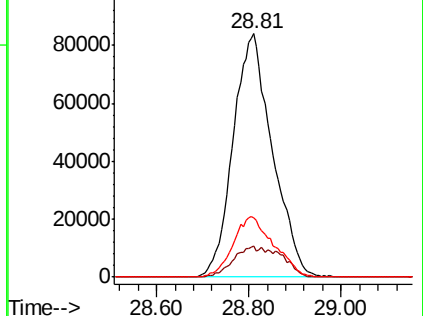
Tgt Ion:276	Resp:	496567
Ion Ratio	Lower	Upper
276	100	
138	8.1	14.4 21.6#
277	25.6	0.0 0.0#

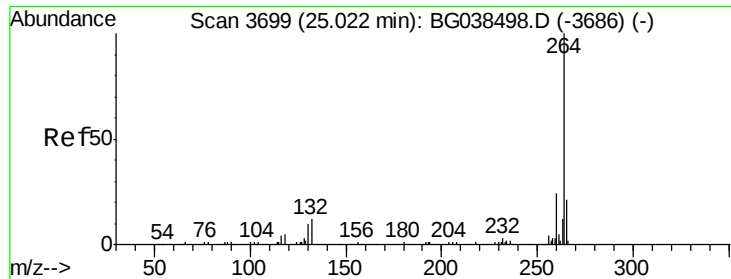


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

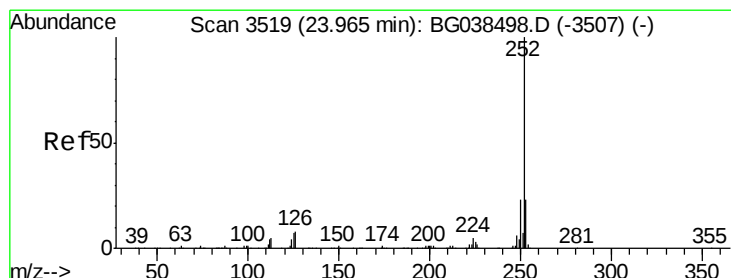
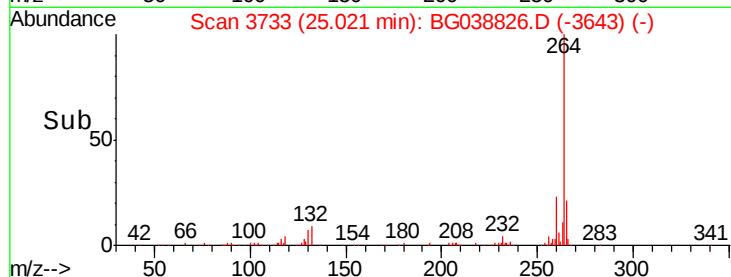
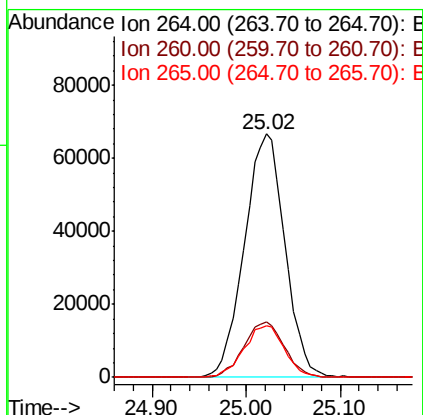
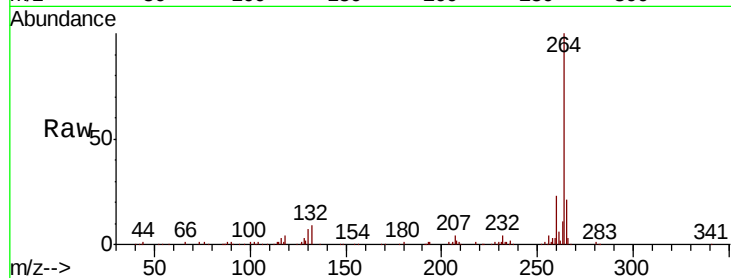




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

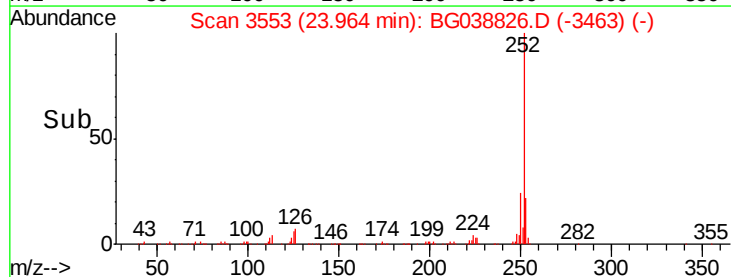
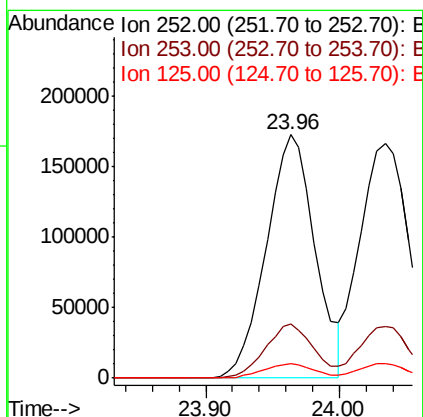
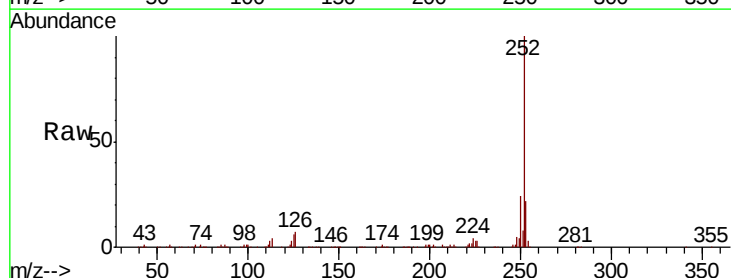
Instrument :
BNA_E
ClientSampleId :

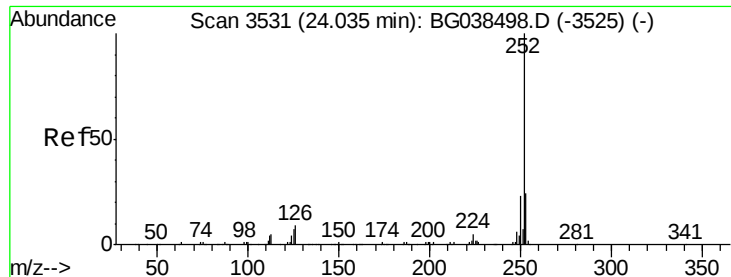
Tot Ion:264 Resp: 198264
Ion Ratio Lower Upper
264 100
260 22.7 18.9 28.3
265 21.4 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 40.152 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion:252 Resp: 437078
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 6.1 5.5 8.3

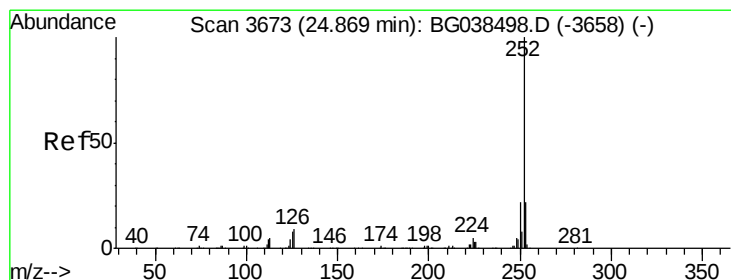
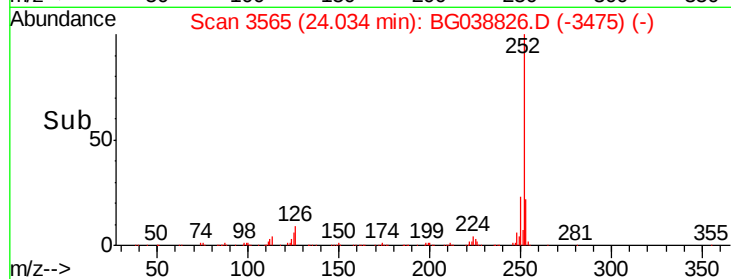
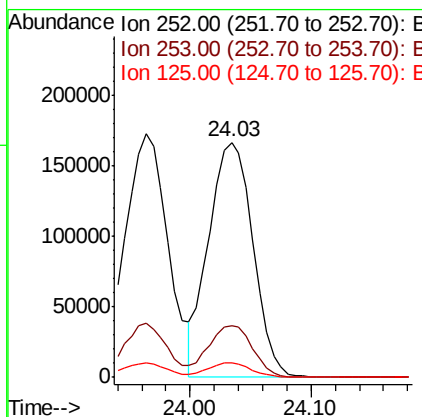
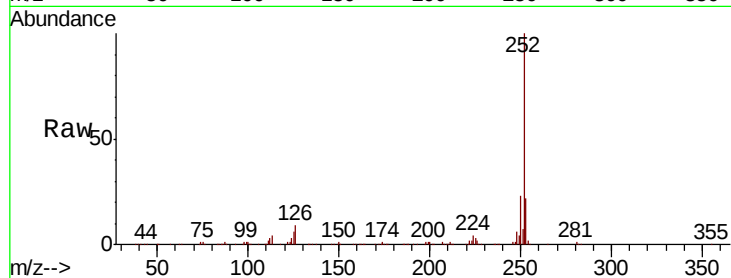




#89
Benzo(k)fluoranthene
Concen: 39.038 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

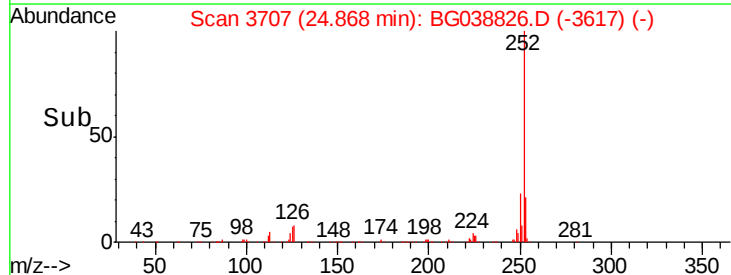
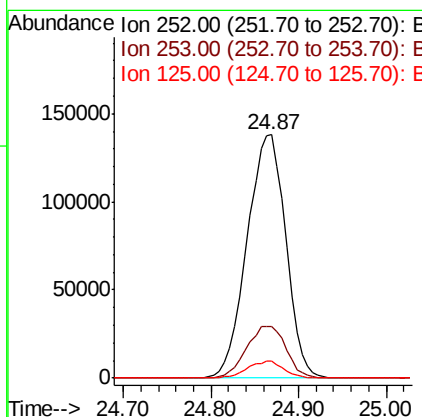
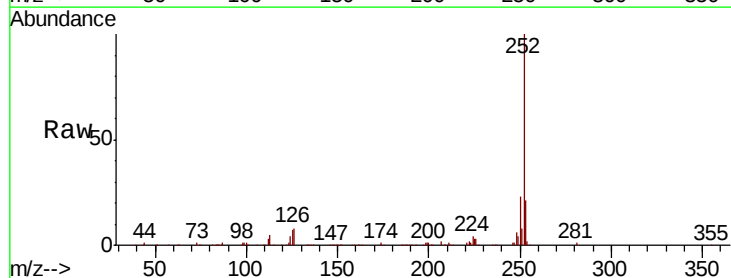
Instrument :
BNA_E
ClientSampled :

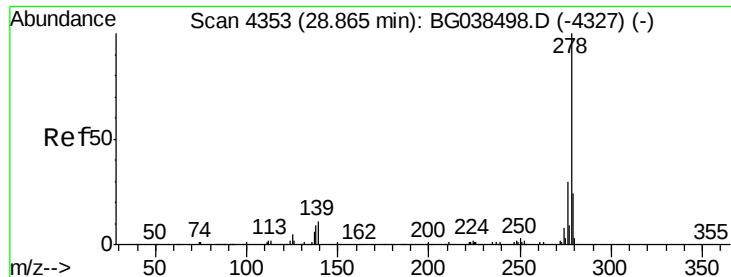
Tot Ion:252 Resp: 423159
Ion Ratio Lower Upper
252 100
253 22.1 18.9 28.3
125 6.0 5.4 8.2



#90
Benzo(a)pyrene
Concen: 39.684 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.00 min
Lab File: BG038826.D
Acq: 26 Dec 2018 12:21

Tgt Ion:252 Resp: 416751
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 6.9 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 39.914 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

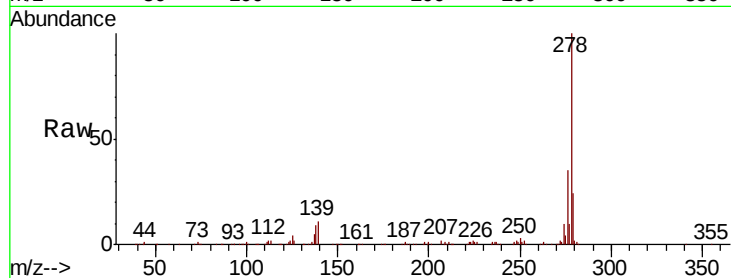
Instrument :

BNA_E

ClientSampleId :

Tot Ion:278 Resp: 417356

Ion	Ratio	Lower	Upper
278	100		
139	10.7	8.6	12.8
279	24.3	19.0	28.6

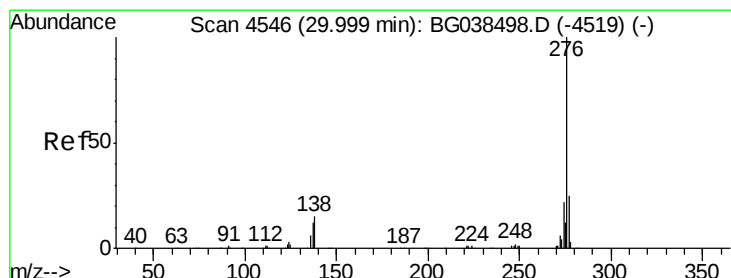
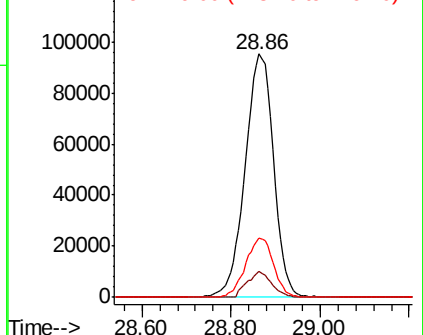
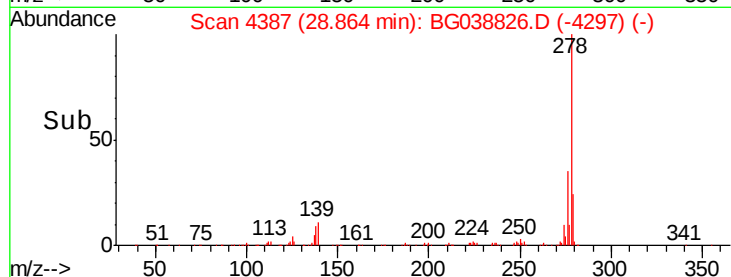


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.680 ng

RT: 29.99 min Scan# 4579

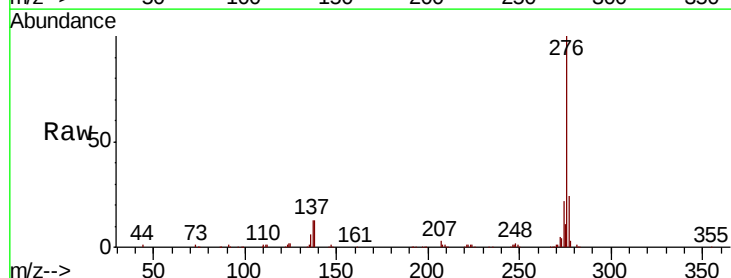
Delta R.T. -0.01 min

Lab File: BG038826.D

Acq: 26 Dec 2018 12:21

Tgt Ion:276 Resp: 408886

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.8	29.8
138	13.3	11.8	17.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

